

TYPE-SPECIMENS OF DIPTERA (INSECTA) IN THE QUEENSLAND MUSEUM

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ABSTRACT

The types of Australian and South Pacific Island Diptera representing 350 nominal species, housed in the Queensland Museum collection, are listed.

INTRODUCTION

The Diptera collection housed in the Queensland Museum contains types of 350 nominal species, represented by 777 specimens. These types are from Australia and the South Pacific Islands, the latter represented by types of 58 nominal species and 93 specimens. Types of 11 Australian species have not been located, whilst 13 specimens representing 11 species bear erroneous labels, usually 'Allotype'.

Families are listed as they appear in Colless and McAlpine, 1970 with one or two additions. Subfamilies, genera and species are represented alphabetically under their original combinations without reference to subgenera, incorrect generic spellings not being noted. Synonyms are listed as they occur and are treated according to the latest revision of the group concerned.

Each taxon is followed by author, year and page number of publication. If the current accepted combination differs from that originally proposed, the revision is listed along with the year and page number of publication. Synonyms are treated similarly although publication data are not presented for the valid taxa. Locality data has been stated as it occurs on the labels, but where more information is available this is given in square brackets.

The collection contains types designated by several early Australian Dipterists, namely Hardy, Ferguson, Roberts, Mann and Taylor. Mr F. Taylor appears to be the first to deposit types in the collection with the deposition in 1913 of a number of Tabanidae.

AUSTRALIAN SPECIES

Suborder NEMATOCERA

Family TIPULIDAE

Subfamily LIMNOBIINAE

Gynoplistia wilsonella Alexander, 1930: 126.

PARATYPE ¹: D3743; Grampians, Vic., F.E. Wilson.

Lechria sublaevis Alexander, 1920: 54.

HOLOTYPE ¹, ALLOTYPE ²: T7504; Caloundra, Qld. These specimens have not been located in the collection.

Limnophila borchii Alexander, 1929a: 486.

PARATYPE ¹: D3744; Millgrove V[ic]. (Right wing missing).

Molophilus barretti Alexander, 1929: 328.

PARATYPE ¹: D3745; Bayswater, Vic., 20.v.[19]28, F.E. Wilson. (Abdomen and hind legs missing).

Subfamily LIMONIINAE

Limonia (Thrypticomylia) marksae Alexander, 1956: 42.

HOLOTYPE ¹, ALLOTYPE ²: T5303-4; Low I[land], N Q[ld], 14.8.[19]54, E.N. Marks. A paratype ² has not been located in the collection.

Subfamily TIPULINAE

Clytocosmus alexanderi Dobrotworsky, 1968: 509.

ALLOTYPE ¹: T6604; [Lamington] National Park, Qld, Dec. 1921, H. Hacker. (Four legs missing).

Dolichopeza brevifurca queenslandica Alexander, 1920: 55.

(= *Dolichopeza (Dolichopeza) queenslandica* Alexander after Dobrotworsky, 1974c: 21).

HOLOTYPE ¹: Oxley, [near Brisbane], Qld. This specimen has not been located in the collection.

Habromastix parallela Alexander, 1920: 58.

(= *Leptotarsus (Habromastix) parallela* (Alexander) after Dobrotworsky, 1974a: 21).

HOLOTYPE ¹: T7498; Brisbane, [Qld], H. Hacker. (Genitalia mounted on a slide).

Habromastix terrae-reginae Alexander, 1920: 59.

(= *Leptotarsus (Habromastix) terrae-reginae* (Alexander) after Dobrotworsky, 1974a: 20).

- HOLOTYPE ♂: T7499; [Brisbane, Qld]. (This specimen is in poor condition, with only 2 femora remaining on the body; a femur and tibia is glued to the pin; genitalia mounted on a slide).
- Leptotarsus (Habromastix) bulburinensis* Dobrotworsky, 1974a: 28.
HOLOTYPE ♂: T7177; Bulburin State Forest, Qld, 27–29 May 1960, S.N. Thorburn.
- Leptotarsus (Habromastix) cunninghamensis* Dobrotworsky, 1974a: 23.
PARATYPES 1 ♂; 1 ♀: T7476–7; Cunningham's Gap, Qld, 2500', 5.iv.[19]67, N. Dobrotworsky.
- Leptotarsus (Leptotarsus) fletcherensis* Dobrotworsky, 1972: 35.
PARATYPES 2 ♂: T7134–5; Fletcher SE Qld, 16.i.1969, E. Dahms.
- Leptotarsus liponeura* Alexander, 1920: 57.
(= *Leptotarsus (Pseudoleptotarsus) liponeura* Alexander after Dobrotworsky, 1972: 38).
HOLOTYPE ♂: T7505; Brisbane, [Qld], H. Hacker.
- Macromastix flavopygialis* Alexander, 1920: 60.
(= *Leptotarsus (Phymatopsis) flavopygialis* (Alexander) after Dobrotworsky, 1974: 11).
HOLOTYPE ♂: T7503; Brisbane, [Qld], 23.5.[19]16, H. Hacker. (Antennae and wings missing, some legs glued to pin; genitalia mounted on a slide).
- Macromastix hackeri* Alexander, 1920: 62.
(= *Leptotarsus (Macromastix) hackeri* (Alexander) after Dobrotworsky, 1974b: 51).
HOLOTYPE ♂: T7500; Brisbane, [Qld], H. Hacker. (Left wing and most of abdomen missing; legs glued to pin).
- Macromastix tortilis* Alexander, 1920: 61.
(= *Leptotarsus (Macromastix) tortilis* (Alexander) after Dobrotworsky, 1974b: 45).
HOLOTYPE ♀, ALLOTYPE ♂: T7502; Brisbane, Qld, 1 Jul. 1913, H. Hacker.
- Family PSYCHODIDAE
- Phlebotomus englishi* Tonnoir, 1935: 144.
SYNTYPE ♂: T6071; Yass, N.S.W., Jan–Feb. 1932, K. English.
SYNTYPE ♂: T6072; same data except Feb–Mar. 1933.
- Family CULICIDAE
- Aedes (Finlaya) alocasicola* Marks, 1947: 35.
PARATYPE ♂: T8398; Mount Glorious, Q[ld], 15.3.1943, J.C. Wassell.
PARATYPE ♂: T8399; same data except 13.2.1945.
- Aedes (Finlaya) candidoscutellum* Marks, 1947a: 1.
PARATYPES 1 ♂, 1 ♀: T8401–2; Binna Burra, Lamington National Park Q[ld], v.1945, F.A. Perkins.
- Aedes (Finlaya) gahnicola* Marks, 1947: 43.
PARATYPE ♂: T8397; Caloundra, Q[ld], 13.8.[19]45, Perkins & Wassell.
- Aedes (Finlaya) josephinae* Marks, 1958: 58.
PARATYPE ♂: T5751; Skull Ck, N Q[ld], 15.v.1953, E.N. Marks.
PARATYPE ♂: T5752; Cowal Ck, N Q[ld], 13.vii.1952, Mackerras & Marks.
- Aedes (Finlaya) monocellarius* Marks, 1948: 14.
PARATYPES 1 ♂; 1 ♀: T8403–4; Upper Cedar Creek [Qld], 14.ix.1943, Wassell & Marks.
- Aedes (Ochlerotatus) calcariae* Marks, 1957: 74.
PARATYPE ♂: D5749; Robe, W.A., 24.9.[19]53, E.W. Lines.
PARATYPE ♂: D5750; same data except 10.8.[19]53.
- Aedes (Ochlerotatus) ratcliffi* Marks, 1959: 123.
PARATYPE ♂: D5761; Gnangara, W.A., 11.x.1954, F.N. Ratcliffe.
- Aedes (Ochlerotatus) turneri* Marks, 1963: 42.
ALLOTYPE ♂: T8405; Perth, W.A., 6.9.[19]38, A.J. Turner.
- Anopheles (Anopheles) colledgei* Marks, 1956: 41.
PARATYPES 2 ♂: D5529–30; Mossman, Q[ld], 2.7.[19]46, E.N. Marks. (Specimen D5530 is represented by a leg whilst the other specimen has 4 legs missing).
- Family CERATOPOGONIDAE
- Culicoides gladysae* Kettle, Elson and Dyce, 1976: 173.
HOLOTYPE ♂: T7220; Mount Glorious, 30 km WNW of Brisbane, Qld, 2.v.1973, D.S. Kettle.
ALLOTYPE ♂: T7221; same data.
- Family CECIDOMYIIDAE
- Contarinia alloteropsidis* Harris, 1979: 179.
HOLOTYPE ♂: T7773; nr Cooktown, Qld, 4.iv.1973, Passlow.
PARATYPE ♂: T8373; nr Cooktown, Qld, Passlow.
PARATYPES 2 ♂: T8374–5; Cullen River, Stuart Highway, N.T., 26.iii.1972, Passlow.
- Contarinia bothriochloae* Harris, 1979: 175.
HOLOTYPE ♂: T7770; PARATYPES 1 ♂, 2 ♀: T8367–9; W of Cooktown, Qld, Passlow.
PARATYPES 2 ♂, 1 ♀: T8370–2; Finch Bay, Cooktown, Qld, Passlow.

Contarinia brevipalpis Harris, 1979: 179.

HOLOTYPE ♀: T7774; 10 miles N of Cardwell Yellow Waterholes, nr Kennedy, Qld, 30.iii.1973.

PARATYPES 1 ♂, 1 ♀: T8376-7; same data, no date, Passlow.

Contarinia dichanthii Harris, 1979: 176.

HOLOTYPE ♀: T7771; Bullock Ck, [Qld], 28.iii.1973, Passlow.

PARATYPES 2 ♂, 4 ♀: T8340-5; same data, no date.

PARATYPES 2 ♀: T8346-7; Warlock Ponds, N.T., Passlow.

PARATYPES 1 ♂, 1 ♀: T8348-9; S of Normanton, Qld, Passlow.

PARATYPE ♂: T8350; Croydon, Qld, 7.iv.1973, Passlow.

Contarinia fimbristylidis Harris, 1979: 180.

HOLOTYPE ♀: T7776; Swim Creek [N.T.], Passlow.

PARATYPE ♂: T8378; same data.

Contarinia intrans Harris, 1979: 173.

HOLOTYPE ♀: T7768; Cullen River, N.T., 26.iii.1972, Passlow.

PARATYPES 2 ♂, 2 ♀: T8331-4; same data, no date.

PARATYPE ♀: T8335; 13 mls S of Hayes Ck, N.T., 26.ii.1971, T. Passlow.

PARATYPE ♀: T8336; Katherine, N.T., 24.iii.[19]71, T. Passlow.

PARATYPE ♂: T8337; Cullen Riv[er], N.T., 26.iii.1972, Passlow.

PARATYPES 2 ♀: T8338-9; Douglas River crossing, N.T., 27.iii.1972, T. Passlow.

Contarinia passlowi Harris, 1979: 178.

HOLOTYPE ♀: T7772; Townsville, Qld, 27.iii.1973, Passlow.

PARATYPE ♂: T8351; W of Townsville, Qld, 27.iii.1973, Passlow.

PARATYPES 1 ♂, 2 ♀: T8352-4; Townsville, [Qld], Passlow.

PARATYPES 3 ♂, 2 ♀: T8355-9; Daly Waters, N.T., Passlow.

PARATYPE ♂: T8360; Georgetown, Qld, Passlow.

PARATYPE ♂: T8361; Roper Ponds, N.T., Passlow.

Contarinia plumosi Harris, 1979: 172.

HOLOTYPE ♀: T7767; M[oun]t Molloy, Qld, 4.iv.1973, Passlow.

PARATYPES 4 ♀: T8320-23; same data.

PARATYPE ♂: T8324; Daly Waters, N.T., 17.iii.1972, Passlow.

PARATYPE ♀: T8325; Edith River, N.T., 25.iii.1971, T. Passlow.

PARATYPES 5 ♀: T8326-30; Katherine, N.T., 23.iii.1971, T. Passlow.

Contarinia roperi Harris, 1979: 171.

HOLOTYPE ♂: T7766; Roper R[i]v[er] R[oa]d, [N.T.], 22.iii.1972, Passlow.

PARATYPES 1 ♂, 4 ♀: T8314-18; same data.

Contarinia scirpi Harris, 1979: 180.

HOLOTYPE ♀: T7775; Elsey Creek, N.T., 23.iii.1972, Passlow.

PARATYPES 2 ♂, 1 ♀: T8379-81; same data, no date.

Contarinia sehimae Harris, 1979: 173.

HOLOTYPE ♀: T7769; Normanton, Qld, [8.iv.1973], Passlow.

PARATYPE ♂: T8362; same data.

PARATYPES 2 ♀: T8363-4; Edith River, N.T., [26.iii.1972], Passlow.

PARATYPES 2 ♀: T8365-6; Katherine, N.T., [27.iii.1972], Passlow.

Family MYCETOPHILIDAE

Arachnocampa (Campara) flava Harrison, 1966: 882.

HOLOTYPE ♂: T6430; Numinbah, [Qld], 21.4.[19]35, F.A. Perkins.

Suborder BRACHYCERA

Division ORTHORRHAPHA

Family PELECORHYNCHIDAE

Pelecorhynchus mirabilis Taylor, 1917: 513.

SYNTYPE ♀: D2625; Stradbroke Is[lan]d, Qld, 17 Sept. 1915, (labelled 'type ♀').

Family EXERETONEURIDAE

Exeretoneura angustifrons G. Hardy, 1924a: 458.

PARATYPE ♂: D3064; Ebor, [N.S.W.], 8.1.[19]14, A.J. Turner. (Head missing).

Family RHAGIONIDAE

Atherimorpha vernalis occidentis G. Hardy, 1927: 126.

(= *Atherimorpha occidentis* Hardy after Paramonov, 1962: 166).

SYNTYPE ♂: T8546; Cradle M[oun]t[ain], Tas., 3000 ft, 21.1.[19]25.

SYNTYPE ♂: T8547; same data except 22.1.[19]25. (Forelegs and left wing missing from T8546; both specimens labelled paratype).

Spaniopsis tabaniformis White, 1914: 44.

SYNTYPE ♀: D2639; Freycinet's Pen[insula], Tas., 12.4.1914.

Family TABANIDAE

Subfamily CHRYSOPINAE

- Silvius angusticallosus* Taylor, 1919: 44.
(= *Mesomyia* (*Mesomyia*) *montana* (Ricardo) after Mackerras, 1961: 894).
HOLOTYPE ♂: D2632; Stradbroke Island, [Qld], 3.12.[19]12, H. Hacker.
- Silvius hackeri* Taylor, 1919: 45.
(= *Mesomyia* (*Lilaea*) *lurida* (Walker) after Mackerras, 1955a: 606).
HOLOTYPE ♂: D2630; Brisbane, [Qld], 15.11.[19]16, H. Hacker.
- Silvius paraluridus* Ferguson and Henry, 1920: 839.
(= *Mesomyia* (*Lilaea*) *paralurida* (Ferguson and Henry) after Mackerras, 1955a: 606).
SYNTYPE ♂: D2633; Kendall, N.S.W. (labelled paratype).
- Silvius stradbrokei* Taylor, 1917: 519.
(= *Mesomyia* (*Lilaea*) *stradbrokei* (Taylor) after Mackerras, 1955a: 606).
HOLOTYPE ♂: D2631; Stradbroke Island, [Qld], 5.12.[19]13, H. Hacker.
- Silvius vicinus* Taylor, 1919: 46.
(= *Mesomyia* (*Perisilvius*) *demeijerei* (Ricardo) after Mackerras, 1961: 861).
HOLOTYPE ♂: D2627; Stradbroke Island, [Qld], 5.12.[19]13, H. Hacker.
- Subfamily PANGONINAE
- Caenoprosopon hamlyni* Taylor, 1917: 521.
(= *Ectenopsis* (*Parasilvius*) *hamlyni* (Taylor) after Mackerras, 1956: 429).
HOLOTYPE ♂: D2629; Brisbane, [Qld], 10.10.[19]16, H. Hacker.
- Diatomineura auripleura* Taylor, 1917: 516.
(= *Scaptia* (*Pseudoscione*) *auripleura* (Taylor) after Enderlein, 1925: 278).
SYNTYPE ♂: T8396; Stradbroke Is[land], Qld, 17 Sept. 1915, H. Hacker (labelled 'Type ♂').
SYNTYPE ♂: D2626; Stradbroke Is[land], Qld, 17 Sept. 1915, H. Hacker (labelled 'Type ♂').
- Ectenopsis* (*Leptonopsis*) *vittata* Mackerras, 1955: 471.
PARATYPE ♂: T5452; Northampton, W.A., 18.11.[19]38, A.J. Turner.
- Erephopsis subcontigua* Ferguson, 1921: 5.
(= *Scaptia* (*Pseudoscione*) *subcontigua* (Ferguson) after Mackerras, 1960: 109).
PARATYPE ♂: D2624; Deervale, [near] Armidale, [N.S.W.], Dec.
- Palimmeomyia celenospila* Taylor, 1917: 518.
(= *Scaptia* (*Palimmeomyia*) *walkeri* (Newman) after Mackerras, 1955: 498).
HOLOTYPE ♂: D2628; Brisbane, [Qld],

- 18.9.[19]14, H. Hacker (labelled 'Type ♂').
Scaptia (*Scaptia*) *alpina alpina* Mackerras, 1960: 67.
PARATYPE ♂: D5686; Alpine Creek, Kiandra, [N.S.W.], 8.1.[19]38, Mackerras.
- Scaptia* (*Pseudoscione*) *calabyi* Mackerras, 1960: 106.
PARATYPE ♂: T5688; 6 ml SE of Karragullen, W.A., 27.2.1953, McIntosh and Calaby.
- Scaptia* (*Pseudoscione*) *neoconcolor* Mackerras, 1960: 115.
PARATYPE ♂: T5689; Kuranda N Q[ld], Dodd.
- Scaptia* (*Pseudoscione*) *orientalis* Mackerras, 1960: 89.
PARATYPE ♂: T5687; Jervis Bay, [N.S.W.], 4 Sept. [19]48, E.F. Riek.
- Therevopangonia insolita* Mackerras, 1955: 475.
PARATYPES 2 ♂: T5450-1; Eradu, W.A., 8 Sept. [19]26, Nicholson.

Subfamily TABANINAE

- Tabanus australicus* Taylor, 1919: 53.
HOLOTYPE ♂: D2617; Brisbane, [Qld], 23.11.[19]15, H. Hacker.
- Tabanus brisbanensis* Taylor, 1917: 526.
(= *Dasybasis spadix* (Taylor) after Mackerras, 1959: 174).
SYNTYPE ♂: T2610; Brisbane, [Qld], 20.9.[19]16, H. Hacker. (labelled 'Type ♂', head missing).
SYNTYPE ♂: T8384; Brisbane [Qld], 27.2.[19]16, H. Hacker. (labelled 'Type ♂').
- Tabanus confusus* Taylor, 1917: 523.
(= *Dasybasis moretonensis* (Ferguson and Hill) after Mackerras, 1959: 181).
HOLOTYPE ♂: D2611; Brisbane, [Qld], 6.10.[19]14, H. Hacker.
- Tabanus diemanensis* Ferguson, 1921: 25.
(= *Dasybasis spadix diemanensis* (Ferguson) after Mackerras, 1959: 175).
PARATYPES 2 ♂: D3093, T8395; Bream Creek [Tas.], 20.2.[19]18, G. Hardy.
PARATYPE ♂: T8394; same data except 18.2.[19]18.
PARATYPE ♂: D2614; same data except 18.2.[19]18.
- Tabanus griseus* Taylor, 1919: 55.
(= *Dasybasis clavicallousa* (Ricardo) after Mackerras, 1959: 170).
HOLOTYPE ♂: D2623; Brisbane, [Qld], 20.12.[19]17, H. Hacker. (labelled 'Type ♂').
- Tabanus hackeri* Taylor, 1917: 522.
(= *Dasybasis nemopunctata* (Ricardo) after Mackerras, 1959: 172).
HOLOTYPE ♂: D2615; Bribie Is[land], Qld, Jan. 1915.

Tabanus innotatus Ferguson and Henry, 1920: 847.

(= *Dasybasis innotata* (Ferguson and Henry) after Mackerras, 1959: 183).

SYNTYPE ♂: D2622; Kendall, N.S.W. (labelled paratype).

Tabanus latifrons Ferguson, 1921: 19.

(= *Dasybasis neolatifrons* (Ferguson and Hill) after Mackerras, 1959: 180).

PARATYPE ♂: D3094; Cradle M[oun]t[ain], [Tas.], 12.1.[19]17, G.H. Hardy.

PARATYPE ♂: T8393; same data except 17.1.[19]17.

Tabanus ochreoflavus Ferguson and Henry, 1920: 845.

(= *Dasybasis ochreoflava* (Ferguson and Henry) after Mackerras, 1959: 173).

SYNTYPE ♂: T2612; Kendall, [N.S.W.], 31.1.[19]18 (labelled paratype).

Tabanus parvus Taylor, 1913: 69.

(= *Dasybasis parva* (Taylor) after Mackerras, 1959: 172).

SYNTYPE ♂: D2620; Darwin, N.T., Dr Strangman (labelled paratype).

Tabanus pseudoardens Taylor, 1913: 66.

(= *Cydistomyia pseudoardens* (Taylor) after Mackerras, 1959: 166).

SYNTYPE ♂: D2619; Port Douglas, [Qld], 1891, C.J. Wild (labelled Cotype).

Tabanus robustus Taylor, 1919: 69.

(= *Dasybasis cirrus* (Ricardo) after Mackerras, 1959: 177).

HOLOTYPE ♂: D2621; Brisbane, [Qld], 29.10.[19]17, H. Hacker.

Tabanus rufoabdominalis Taylor, 1917: 525.

(= *Cydistomyia laticullosa* (Ricardo) after Mackerras, 1959: 167).

SYNTYPE ♂: D2613; Stradbroke Is[lan]d, [Qld], 17 Sept. 1915, H. Hacker, (labelled 'Type ?').

SYNTYPE ♂: D8385; same data, (labelled 'Type ?').

Tabanus silviformis Taylor, 1919: 62.

HOLOTYPE ♂: D2618; Stradbroke Island [Qld], 3.12.[19]12, H. Hacker.

Tabanus tasmanicus Ferguson, 1921: 20.

(= *Dasybasis neocirrus* (Ricardo) after Mackerras, 1959: 173).

PARATYPE ♂: D2616; Dunally, [Tas.], 15.2.[19]18.

Family STRATIOMYIDAE

Subfamily BERIDINAE

Actina imperfecta G. Hardy, 1932a: 54.

PARATYPE ♂: T8587; Mapleton, [Qld], 26.3.[19]24, H. Hacker.

PARATYPE ♂: D3162; [Lamington] National P[ar]k, [Qld], 25.10.[19]23, H. Hacker.

PARATYPE ♂: D3162; same data except Dec. 1921.

Subfamily CHIROMYZINAE

Altermetoponia flava James, 1968: 155.

(= *Inopus flavus* (James) after Bull, 1976: 567).

HOLOTYPE ♂: T6627; ALLOTYPE ♂: T6628;

PARATYPE ♂: T6684; Proserpine, Qld, Apr. 1967, G. Wilson.

Archimyza ava Enderlein, 1921: 157.

(= *Chiomyza ava* (Enderlein) after G. Hardy, 1924: 369).

SYNTYPE ♂: D2848; Tambourine (= Tamborine), [Qld], 2.4.1911, H. Hacker. It is possible this specimen may not have any type status.

Stenimas stemmaticalis Enderlein, 1921: 175.

(= *Chiomyza stemmaticalis* (Enderlein) after G. Hardy, 1924: 368).

There are 3 ♂ labelled as paratypes in the collection which could not have been studied by Enderlein and should not be considered as types. 3 ♂: D2848; [Lamington] National Park, [Qld], Dec. 1921, H. Hacker.

Subfamily PACHYGASTERINAE

Damaromyia clivosa G. Hardy, 1931: 128.

SYNTYPE ♂: D4729; Brisbane, [Qld], Nov. 1924, G.H. Hardy.

SYNTYPES 2 ♂: D4729; same data except Sept. 1930.

Damaromyia discolor G. Hardy, 1931: 123.

PARATYPE ♂: D4727; [Lamington] Nat[ional] P[ark], Qld. Mar. 1929.

Subfamily SARGINAE

Sargus darius G. Hardy, 1932b: 47.

PARATYPE ♂: Tamborine Mountain, Qld.

PARATYPES 2 ♂: Dunk Island, Qld.

Whilst no specimens of this species bearing paratype labels have been located, there are 2 specimens from Dunk Island with a label 'Sargus sp. nov.' and nearby an apparently conspecific specimen from Tamborine Mountain without any further labelling. It is possible these specimens are paratypes.

Subfamily STRATIOMYINAE

Odontomyia carinifacies var. *grandimaculata* G. Hardy, 1920: 56.

(= *Odontomyia grandimaculata* Hardy after G. Hardy, 1938: 72).

- SYNTYPES 2 ♀: D3095; Bream Creek, [Tas.], 18.2.[19]18, G.H. Hardy (labelled paratype).
SYNTYPE ♂: D2634; same data.
- Family NEMESTRINIDAE
- Trichophthalma bivitta nigricosta* Mackerras, 1925: 524.
PARATYPE ♂: D3061; Barrington T[o]ps, [N.S.W.], Feb. [19]25, S[ydney] U[niversity] Zoo[logy] Exp[edition].
- Trichophthalma confusa* Mackerras, 1925: 521.
PARATYPE ♀: D3060; Kendall, N.S.W., 14.12.[19]19.
- Trichophthalma costalis apicalis* Mackerras, 1925: 512.
PARATYPE ♀: D3054; Hamel, [W.A.].
- Trichophthalma fusca* Mackerras, 1925: 516.
PARATYPE ♀: D3056; Port Curtis, [Qld].
- Trichophthalma harrisoni* Mackerras, 1925: 525.
PARATYPE ♀: D3062; Barrington T[o]ps, [N.S.W.], Jan. [19]25, S[ydney] U[niversity] Zoo[logy] Exp[edition].
- Trichophthalma intermedia* Mackerras, 1925: 517.
HOLOTYPE ♀: D3057; Russell Is[land], [Qld], Dec. 1921, H. Hacker.
ALLOTYPE ♂: D3057; Stradbroke Island, [Qld], 3.12.[19]12, H. Hacker.
- Trichophthalma nigrovittata* Mackerras, 1925: 531.
PARATYPES 1 ♀, 1 ♂: D3063; Barrington T[o]ps, [N.S.W.], Feb. [19]25, S[ydney] U[niversity] Zoo[logy] Exp[edition].
- Trichophthalma punctata orientalis* Mackerras, 1925: 519.
PARATYPE ♀: D3058; Barrington T[o]ps, [N.S.W.], Jan. [19]25, S[ydney] U[niversity] Zoo[logy] Exp[edition].
- Trichophthalma punctata* var. *minima* Mackerras, 1925: 519.
ALLOTYPE ♂: D3059; Russell Is[lan]d, Qld, Dec. 1921, H. Hacker.
- Trichophthalma rufonigra* Mackerras, 1925: 513.
PARATYPES 1 ♀, 1 ♂: D3055; Barrington T[o]ps, [N.S.W.], Feb. [19]25, S[ydney] U[niversity] Zoo[logy] Exp[edition].
- Family ACROCERIDAE
- Mesophysa ultima* Neboiss, 1971: 219.
HOLOTYPE ♂: T6920; Archerfield, Brisbane, Qld, 20.ix. 1969, G.J. Toop.
- Family THEREVIDAE
- Acraspisa nigrinota* Mann, 1929: 20.
HOLOTYPE ♂: D3281; Gogango, Q[ld], Dec. [19]28, A.P. Dodd.
- Acraspisa obscuripes* Mann, 1929: 21.
PARATYPES 5 ♀: D3502; Brisbane, [Qld], 24.9.[19]14, H. Hacker.
- Acraspisa trifasciata* Kroeber, 1912a: 286.
There is a labelled allotype in the collection, designated by Mann (1929: 20). As this specimen was not included in the type series it cannot be considered to be a type.
1 ♂: D3505; Forest Reefs, N.S.W., Lea.
- Acupalpa albitarsa* Mann, 1929: 24.
HOLOTYPE ♀: D3282; PARATYPES 9 ♀: T8548-56; Brisbane Qld. 24.9.[19]14, H. Hacker.
- Acupalpa pollinosa* Mann, 1929: 25.
HOLOTYPE ♀: D3283; Brisbane, [Qld], 18.9.[19]14, H. Hacker.
PARATYPE ♀: D3283; Caloundra, [Qld], 28.10.[19]13, H. Hacker.
PARATYPES 3 ♂: D3283; same data as holotype except 24.9.[19]14.
- Acupalpa semiflava* Mann, 1929: 28.
HOLOTYPE ♂: D3495; PARATYPE ♂: T8560; Brisbane, [Qld], 24.9.[19]14, [H.] Hacker.
PARATYPE ♂: T8557, same data except 24.9.[19]12.
PARATYPE ♂: T8558, same data except 14.10.[19]13.
PARATYPE ♂: T8559; same data except 10.10.[19]16.
- Acupalpa semirufa* Mann, 1929: 27.
ALLOTYPE ♂: D3494; Bribie Island, [Qld], 12.9.[19]18, H. Hacker.
PARATYPE ♂: D3494; Tambourine (= Tamborine) Mountain, [Qld], 29.11.[19]25, H. Hacker.
- Agapophytus albobasalis* Mann, 1929: 37.
HOLOTYPE ♀; ALLOTYPE ♂: D3501; Chinchilla, Qld, Nov. [19]27, A.P. Dodd.
PARATYPE ♂: D3401; Brisbane, [Qld], 9.4.[19]19, H. Hacker.
PARATYPE ♂: D3501; same data as paratype except 20.11.[19]11.
- Agapophytus aterrimus* Mann, 1929: 36.
HOLOTYPE ♀: D3500; Brisbane, [Qld], 10.10.[19]16, H. Hacker.
- Agapophytus flavicornis* Mann, 1929: 32.
HOLOTYPE ♀: D3497; Brisbane, Qld.
ALLOTYPE ♂: D3497; Ferny Grove, Q[ld], 2.1.[19]28, J. Mann.
PARATYPE ♀: D3497; Ormiston, [Qld], 17.11.[19]24, H. Hacker.
PARATYPES 2 ♀: D3497; Brisbane, [Qld], 12.11.[19]12. One specimen has the head, fore legs and hind tibiae and tarsi missing.

- PARATYPES 2 ♀: D3497; same data except 7.11.[19]16. One specimen has the fore tarsus and a hind tibia and tarsus missing.
- PARATYPE 1: D3497; same data except 5.1.[19]14. The antennae are damaged and a hind leg and fore tibia and tarsus are missing.
- PARATYPE 1: D3497; same data except 2.12.[19]13. An antenna, the fore legs and a mid leg are missing.
- PARATYPE 1: D3497; same data except 15.11.[19]16. The antennae are damaged and a hind leg is missing.
- Agapophytus ruficaudus* Mann, 1929: 36.
HOLOTYPE ♀: D3499; Samford, [Qld], Jan. 1923, H. Hacker.
ALLOTYPE ♂: D3499; Brisbane [Qld], 25.2.[19]22, H. Hacker.
PARATYPE 2 ♀: D3499; Alderley, Brisbane, [Qld], 30.9.[19]23, H. Hacker.
- Agapophytus squamosus* Mann, 1929: 39.
HOLOTYPE ♀; ALLOTYPE ♂: D3503; Brisbane, Qld, 26.12.[19]24, H. Hacker.
- Anabarhynchus argenteus* Mann, 1928: 176.
HOLOTYPE ♂: D3278; Wynnum, [Qld], May 1927, B. Smith.
- Anabarhynchus flavus* Mann, 1928: 181.
HOLOTYPE ♀: D3279; Caloundra, [Qld], 28.10.[19]13, H. Hacker.
PARATYPE 1: D3280; Bribie Island, [Qld], 29.8.[19]20, H. Hacker.
- Ectinorhynchus levis* Mann, 1933: 334.
HOLOTYPE ♀; ALLOTYPE ♂: T5191-2; Swan River, W.A., L.J. Newman.
- Neodialineura striatithorax* Mann, 1928: 172.
HOLOTYPE ♀: D3267; [Lamington] National Park, Qld, 25.10.[19]23, H. Hacker.
ALLOTYPE ♂; PARATYPE ♂: D3267; Tambourine (= Tamborine) Mountain, [Qld], W.H. Davidson.
PARATYPES 2 ♂: D3267; [Lamington] National Park, [Qld], 25.10.[19]23, H. Hacker.
- Parapsilocephala parva* Mann, 1933: 342.
ALLOTYPE ♂: T5190; Brisbane, [Qld], Nov. 1929, G.H. Hardy.
- Phycus imitans* White, 1915: 28.
(= *Agapophytus imitans* (White) after Mann, 1929: 40).
There is a ♀ labelled allotype in the collection, designated by Mann (1929: 41). As this specimen was not included in the type series, it cannot be considered as a type.
1 ♀: D3504, Mount Tamborine, Qld.
- Psilocephala aggera* Mann, 1933: 327.
HOLOTYPE ♂: T5187; Chinchilla, [Qld], Aug. [19]30, J. Mann. This specimen is in poor condition.
- Psilocephala duocoloris* Mann, 1933: 329.
HOLOTYPE ♂; ALLOTYPE ♀: D5185-6; Denman, N.S.W., 18.4.[19]29, A.P. Dodd. (Wings missing from allotype, which is in poor condition).
- Psilocephala lutea* White, 1915: 49.
There is a ♀ labelled allotype in the collection, designated by Mann (1933: 331). As this specimen was not included in the type series it cannot be considered as a type.
1 ♀: T5188; King Island, Tas.
- Taenogera gracilis* Mann, 1928: 167.
HOLOTYPE ♂; PARATYPE ♂: D3266; Tambourine (= Tamborine) Mountain, [Qld], W.H. Davidson.
- Taenogera notatithorax* Mann, 1928: 169.
HOLOTYPE ♀; ALLOTYPE ♂: D3265; Tambourine (= Tamborine) Mountain, [Qld], W.H. Davidson.
- Thereva singula* Walker, 1848: 227.
(= *Eupsilocephala singula* (Walker) after Krober, 1912: 255).
There is a ♀ in the collection labelled allotype, designated by Mann (1933: 337). As this specimen was not included in the type series, it cannot be considered as a type.
1 ♀: T5184; Chinchilla, Qld.

Family SCENOPINIDAE

- Neopseudatrichia inglewoodi* Kelsey, 1970: 141.
HOLOTYPE ♀: T6731; Inglewood, [Qld], 1.9.[19]25.
- Riekiella woodwardi* Kelsey, 1971: 201.
HOLOTYPE ♀; ALLOTYPE ♂: T6878; 28 ml S of Ti-Tree Well, N.T., 26.viii.1964, T.E. Woodward.
- Scenopinus cristafrons* Kelsey, 1971: 186.
HOLOTYPE ♂: T6976; 37 ml S of Dunmarra, N.T., 23.viii.1964, T.E. Woodward.
- Scenopinus millarae* Kelsey, 1971: 189.
HOLOTYPE ♂: T6975; Moggill, Qld, 2.v.1967, L. Millar.

Family ASILIDAE

Subfamily ASILINAE

- Asilus illingworthi* G. Hardy, 1922: 196.
(= *Neoaratus illingworthi* (Hardy) after G. Hardy, 1935: 180).
PARATYPE ♀: D2635; Gordonvale, N Qld, 1.1.[19]22, E. Jarvis (labelled Cotype).
- Cerdistus constrictus* G. Hardy, 1926: 654.
(= *Cerdistus fuscipennis* (Macquart) after G. Hardy, 1929: 81).
PARATYPE ♂: T8561; Ebor, N.S.W., 2.i.[19]16.

PARATYPE : T8562; same data except 3.1.[19]16.
 PARATYPE ♀: T8563; Brisbane, [Qld], 23.10.[19]21, H. Hacker.
 PARATYPE ♀: T8564; same data except 20.10.[19]14.
 PARATYPE ♂: T8565; same data except 16.10.[19]12.
 PARATYPES 1 ♂, 1 ♀: T8566-7; Tambourine (= Tamborine) Mountain, [Qld], 28.10.[19]12, H. Hacker.

Subfamily DASYPOGONINAE

Brachyrhopala semirufa G. Hardy, 1929a: 65.
 PARATYPE ♀: D2635; Brisbane, [Qld], 29.12.[19]12, H. Hacker.
 PARATYPE ♀: D2635; Stradbroke Island, [Qld], 3.12.[19]12, H. Hacker.

Family APIOCERIDAE

Apiocera hardyi angustifrons Paramonov, 1953: 493.
 SYNTYPE ♀: T8568; Brisbane, [Qld], 14.12.[19]15, H. Hacker. (labelled '♀ typus').
 SYNTYPE ♂: T8569; same data except 4.12.[19]11 (labelled '♂ typus': head in vial attached to pin).
Apiocera longitudinalis Paramonov, 1953: 510.
 HOLOTYPE ♀: T5502; Cunderdin, [W.A.].
Apiocera lugubris Paramonov, 1953: 497.
 HOLOTYPE ♀: T8570; Stradbroke Island, [Qld], 3.12.[19]12, H. Hacker.
Apiocera similis Paramonov, 1953: 505.
 PARATYPE ♂: T5501; Stradbroke Island, [Qld], 17 Sept. 1915, H. Hacker.

Family MYDAIDAE

Diachlistus hackeri Paramonov, 1950: 25.
 PARATYPE ♀: T8585; Tambourine (= Tamborine) Mountain, [Qld], W.H. Davidson. (labelled '♀ typus').
 PARATYPE : T8588; same data as above, but without Paramonov's type label.

Family BOMBYLIIDAE

Subfamily ANTHRACINAE

Anthrax confluentis Roberts, 1928: 139.
 HOLOTYPE ♀: D3254; Brisbane, [Qld], 22.1.[19]26, F.H. Roberts.
 ALLOTYPE : D3254; Brisbane, [Qld], 1.5.[19]26, J. Mann.
Anthrax lepidiota Roberts, 1928: 138.
 HOLOTYPE : D3262; Chinchilla, [Queens]land, Nov. [19]24, T.A. Cole,

Subfamily BOMBYLIINAE

Bombylius dulcis Roberts, 1928a: 440.
 HOLOTYPE ♀: D3284; Westwood, [Queens]land, Oct. 1926, A.P. Dodd.
 ALLOTYPE : T8536; Westwood, [Qld], Oct. 1927, A.P. Dodd.
Bombylius proprius Roberts, 1928a: 436.
 HOLOTYPE ♀: D3285; Blackheath, [N.S.W.], 15 Nov. 1919, G.H. Hardy. (Left wing missing).
Bombylius succandidus Roberts, 1928a: 438.
 HOLOTYPE ♀: D3286; Warialda, [N.S.W.], 30.ix.[19]27, A.P. Dodd.
Dischistus formosus Roberts, 1928a: 451.
 HOLOTYPE ♀: D3287; Brisbane, [Qld], 3.9.[19]21, J. Mann.
 ALLOTYPE : T8537; Brisbane, [Qld], 9.9.[19]27, F.H. Roberts.
Dischistus pallidoventer Roberts, 1928a: 452.
 HOLOTYPE ♀: D3288; Hobart, [Tas.], 14.3.[19]17, G.H. Hardy.
Dischistus perparvus Roberts, 1928a: 453.
 HOLOTYPE ♀: D3289; Morven, [Qld], Sept. 1927, A.P. Dodd.
Systoechus cinctiventris Roberts, 1928a: 424.
 HOLOTYPE ♀: D3292; Chinchilla, [Qld], 14.11.[19]26.
 ALLOTYPE : T8535; Brisbane, [Qld], 15.8.[19]27, J. Mann.
Systoechus pallidus Roberts, 1928a: 422.
 HOLOTYPE ♀: D3291; Brisbane, [Qld], 5 Aug. 1927, F.H. Roberts.
Systoechus rubidus Roberts, 1928a: 421.
 HOLOTYPE ♀: D3290; Chinchilla, [Queens]land, Nov. [19]26, A.P. Dodd.

Subfamily ECLIMINAE

Eclimus furvicostatus Roberts, 1929: 578.
 (= *Thevenemyia furvicostata* (Roberts) after Hall, 1969: 36).
 HOLOTYPE ♀: D3526; Westwood, [Qld], 20.11.[19]27, A.P. Dodd. (Left wing missing).
Eclimus nigrapicalis Roberts, 1929: 576.
 (= *Thevenemyia nigrapicalis* (Roberts) after Hall, 1969: 65).
 HOLOTYPE ♀: ALLOTYPE : D3525; Goondiwindi, [Qld], 29.12.[19]27, F.H. Roberts.

Subfamily EXOPROSOPINAE

Hyperalonia dentata Roberts, 1928: 102.
 (= *Ligyra dentata* (Roberts) after Paramonov, 1967: 130).
 HOLOTYPE : D3261; no data.
Lepidanthrax linguata Roberts, 1928: 130.
 HOLOTYPE ♀; ALLOTYPE : D3260; Brisbane,

- Qld, 21. and 22.11.[19]26, F.H. Roberts.
Pseudopenthes fenestrata Roberts, 1928: 133.
 HOLOTYPE ♂: D3264; Brisbane, Qld.
 27.10.[19]26, F.H. Roberts.
 ALLOTYPE ♀: D3264; Goodna, Q[ueens]land,
 20.11.[19]25, J. Mann.
Villa albobasalis Roberts, 1928: 127.
 HOLOTYPE ♂: D3259; Chinchilla,
 Q[ueens]land, Nov. [19]29, A.P. Dodd.
Villa brunea Roberts, 1928: 118.
 HOLOTYPE ♂; ALLOTYPE ♀: D3257;
 Gravesend, [N.S.W.], Mar. [19]27, F. Roberts.
Villa quinqueguttata Roberts, 1928: 126.
 HOLOTYPE ♀: D3256; Sydney, [N.S.W.],
 26.12.[19]18, G.H. Hardy.
Villa rava Roberts, 1928: 125.
 HOLOTYPE ♂; ALLOTYPE ♀: D3263; Chinchilla,
 Qld. 2 and 3.10.[19]26.
Villa trivincula Roberts, 1928: 119.
 HOLOTYPE ♀; PARATYPE ♂: D3258; Brisbane
 [Qld], 13.11.[19]23, L. Franzen.
 ALLOTYPE ♂: D3258; Sydney [N.S.W.],
 2.2.[19]19, G.H. Hardy.
Villa varipennis Roberts, 1928: 121.
 HOLOTYPE ♂; ALLOTYPE ♀: D3255;
 Gravesend, [N.S.W.], Mar. [19]27, F. Roberts.
 (Head missig from allotype).

Subfamily HENICINAE

- Neosardus circumdatus* Roberts, 1929: 561.
 HOLOTYPE ♀: D3527; Broken Hill, [N.S.W.],
 C. Deane.
Neosardus principius Roberts, 1929: 562.
 HOLOTYPE ♂: D3528; Emerald, Q[ueens]land,
 18.11.[19]28, F. Roberts.
 ALLOTYPE ♀; PARATYPE ♂: D3528; Chinchilla,
 Q[ld], 20.11.[19]28, A.P. Dodd. (These
 specimens are all damaged to varying degrees
 by verdigris).

Subfamily PLATYPYGINAE

- Cyrtosia parvissima* Roberts, 1929: 567.
 HOLOTYPE ♂; ALLOTYPE ♀: D3532; Gogango,
 Q[ueens]land, Mar. [19]29, A.P. Dodd. (The
 allotype has some verdigris damage on thorax).

Subfamily SYSTROPINAE

- Dolichomyia minina* Roberts, 1929: 557.
 (= *Zaclava minima* (Roberts) after Hull, 1973:
 250).
 HOLOTYPE ♂: D3531; C[hinc]hilla, Qld,
 2.10.[19]16, B. Smith. (Abdomen missing).
 ALLOTYPE ♂: D3531; Waroo, S.Qu[eensland],
 Feb. 1927.
 PARATYPES 2 ♀: D3531; Brisbane, [Qld],
 7.3.[19]18, Hacker.

Systropus doddi Roberts, 1929: 555.

HOLOTYPE ♂: D3522; Stradbroke Island, [Qld],
 5.12.[19]13, H. Hacker. (Abdomen and hind
 legs carded).

PARATYPE ♀: D3522; Kuranda, Qld, Mar.
 [19]07, F.P. Dodd. (Left wing and hind tarsus
 missing).

Systropus flavo-ornatus Roberts, 1929: 554.

HOLOTYPE ♂: D3523; Westwood, [Qld], Feb.
 [19]27, A.P. Dodd.

ALLOTYPE ♀: D3523; Westwood, Q[ld],
 5.1.[19]25, A.B[urns].

Subfamily TOMOMYZINAE

Myonema humilis Roberts, 1929: 564.

HOLOTYPE ♂, PARATYPES 4 ♂: D3530;
 Brisbane, [Qld], 20.8.[19]18, H. Hacker.
 (Holotype with left wing and mouth-parts
 missing; other specimens have either antennae,
 a wing or the head missing, all being somewhat
 damaged by verdigris).

Subfamily TOXOPHORINAE

Toxophora compta Roberts, 1929: 559.

HOLOTYPE ♂: D3529; Brisbane, [Qld],
 6.3.[19]18, H. Hacker.

Division CYCLORRHAPHA

Series ASCHIZA

Family PHORIDAE

Chonocephalus brisbanensis Beyer, 1960: 35.

HOLOTYPE ♂, PARATYPES 2 ♂: Yeronga, Qld.
 These specimens have not been located in the
 collection.

Megaselia (Aphiochaeta) australiae Beyer, 1960:
 23.

HOLOTYPE ♂: T5998; Lota, S E Qld, 4.2.1955,
 E.J. Reye.

Megaselia (Aphiochaeta) biseta Beyer, 1960: 26.

SYNTYPES 1 ♂, 6 ♀: T6075-7; Brisbane, [Qld],
 3.8.[19]15, H. Hacker. (all labelled paratype).

Megaselia (Megaselia) flaviscutellata Beyer, 1960:
 29.

HOLOTYPE ♂: T5999; Lota, S E Qld,
 24.2.1955, E.J. Reye.

ALLOTYPE ♀: T6000; Hill End, S E Q[ld],
 23.1.1955, E.J. Reye.

Megaselia (Megaselia) semihyalina Beyer, 1960:
 32.

HOLOTYPE ♂: T5993; Brisbane Museum, S E
 Qld, 18.1.1955, M.B. Wilson.

PARATYPE ♂: T5997; same data except
 28.1.1955.

ALLOTYPE ♀: T5994; Lota, S [E] Qld, 13.ii.1955, E.J. Reye.

PARATYPE 2 ♀: T5995-6; Lota, S E Qld, 4.2.1955, E.J. Reye.

Family SYRPHIDAE

Subfamily MICRODONTINAE

Microdon amabilis Ferguson, 1926: 175.

HOLOTYPE ♀: D3087; Brisbane, [Qld], 26.2.[19]19, H. Hacker.

Microdon modestus Ferguson, 1926: 179.

SYNTYPE ♂: D3088; Brisbane, [Qld], 25.9.[19]19, H. Hacker. (labelled 'Type').

Microdon chalybeus Ferguson, 1926: 176.

PARATYPE ♂: D3086; Brisbane, [Qld], 4.9.[19]11, H. Hacker.

PARATYPE ♂: D3086; Stradbroke Island, [Qld], Oct. 1891, J.H. Boreham. (Abdomen and antennae missing from last specimen).

Subfamily MILESIINAE

Ceriodes albo seta Ferguson, 1926: 145.

PARATYPE ♀: D3091; no data.

PARATYPE ♂: D3091; Brisbane, [Qld], 23.10.[19]11, H. Hacker.

Ceriodes macleayi Ferguson, 1926: 148.

SYNTYPE ♀: D3092; Brisbane, [Qld], 12.11.[19]12, H. Hacker (labelled paratype).

Ceriodes variabilis Ferguson, 1926: 146.

PARATYPE ♀: D3090; Rockhampton, Qld.

Criorhina hackeri Ferguson, 1926a: 524.

HOLOTYPE ♀: D3089; [Lamington] National P[ar]k, [Qld], Dec. 1921, H. Hacker.

Emmyia queenslandica Klöcker, 1924: 55.

HOLOTYPE ♂: Brisbane, Qld, 24.9.1918. This specimen has not been located in the collection.

Eristalis conjunctus Ferguson, 1926: 155.

SYNTYPE ♀: D3085; Cairns, N Q[ld] (labelled paratype).

Eristalis flavohirta Klöcker, 1924: 57.

(= *Dissoptera pollinosa* Edwards after Ferguson, 1926: 166).

SYNTYPES, 2 ♀: Dunk Island, Qld. May 1914, Hamlyn-Harris. These specimens have not been located in the collection.

Eristalis herve-bazini Klöcker, 1924: 58.

(= *Eristalis maculatus* de Meijere after Ferguson, 1926: 157).

SYNTYPES, 2 ♀: Brisbane, Qld, 3.10.1916 and 4.12.1918. These specimens have not been located in the collection.

Psilota hirta Klöcker, 1924: 54.

HOLOTYPE ♂: Brisbane, Qld, 20.9.1916. This specimen has not been located in the collection.

Psilota rubra Klöcker, 1924: 53.

SYNTYPES 2 ♀: Brisbane, Qld, 12.9.1916 and 26.9.1916. These specimens have not been located in the collection.

Psilota tristis Klöcker, 1924: 54.

HOLOTYPE ♀: Brisbane, Qld, 26.9.1916. This specimen has not been located in the collection.

Syrretta hackeri Klöcker, 1924: 59.

HOLOTYPE ♂: Brisbane, Qld, 12.11.1918. This specimen has not been located in the collection.

Subfamily SYRPHINAE

Sphaerophoria kerteszi Klöcker, 1924: 56.

SYNTYPES, 3 ♂: Brisbane, Qld, 15.11.1916. These specimens have not been located in the collection.

Series SCHIZOPHORA

Family PLATYSTOMATIDAE

Duomyia convallis McAlpine, 1973: 80.

HOLOTYPE ♀: T7111; Carnarvon Gorge, Qld, 30.1.1962, E. Exley.

Duomyia marginalis McAlpine, 1973: 91.

HOLOTYPE ♂: T7109; Stanthorpe, [Qld], 11.2.[19]30.

Duomyia scipio McAlpine, 1973: 99.

HOLOTYPE ♀: T7112; Noosa, [Qld], 29.ii.[19]60, H.G.G.

Duomyia umbrosa McAlpine, 1973: 96.

HOLOTYPE ♀: T7110; Dunwich, [Stradbroke Island], Qld, 7.v.1966, R. Chamberlin.

Euprosopia subacuta McAlpine, 1973: 169.

HOLOTYPE ♀: T7113; Lam[ington] Nat[ional] P[ar]k, Qld. 11-17 Feb. 1963, A. Macqueen.

Family TEPHRITIDAE

Afrodacus brunneus Perkins and May, 1949: 18.

(= *Dacus (Afrodacus) brunneus* (Perkins and May) after D. Hardy, 1951: 118).

SYNTYPE ♂: T5260; Toowoomba, [Qld], Dec. 1937, H. Jarvis (labelled holotype).

SYNTYPE ♀: T5261; Gayndah, Qld, Nov. 1945, A.W.S. M[ay] (labelled holotype).

Afrodacus flavinotus May, 1957: 293.

(= *Dacus (Afrodacus) flavinotus* (May) after Drew, 1972: 21).

HOLOTYPE ♀: T5603; Atherton, [Qld], 27.5.[19]57, A.W.S. May.

Afrodacus furvus May, 1957: 294.

(= *Dacus (Afrodacus) furvus* (May) after Drew, 1978: 85).

HOLOTYPE ♂: T5605; Atherton, [Qld], 19.3.[19]57, A.W.S. May.

ALLOTYPE ♀: T5606; same data except 8.4.[19]57. (Left wing missing from holotype).

- Afrodacus mesoniger* May, 1951: 8.
(= *Dacus* (*Afrodacus*) *mesoniger* (May) after D. Hardy, 1955: 10).
HOLOTYPE ♀: T5264; Toowoomba, [Qld], Apr. 1950, A.W.S. May. (Right wing missing).
- Afrodacus tigrinus* May, 1952: 339.
(= *Dacus* (*Afrodacus*) *tigrinus* (May) after Drew, 1978: 85).
HOLOTYPE ♂: T5274; Cairns, Q[ld], 7.12.1951, A.W.S. May.
PARATYPE ♀: T5274; same data except 19.12.1952.
There is a ♂ labelled allotype in the collection, collected in 1956. As this specimen was not included in the type series it cannot be considered as a type. The allotype appears to be conspecific with *D. (A.) furvus*.
1 ♂: T5604; Cairns, Qld.
- Asiadacus calophylli* Perkins and May, 1949: 16.
(= *Dacus* (*Gymnodacus*) *calophylli* (Perkins and May) after D. Hardy, 1951: 130).
SYNTYPES 1 ♂, 1 ♀: T5258-9; Cairns, Q[ld], 3.2.[19]38, F.A. Perkins.
- Bactrocera pulcher* Tryon, 1927: 206.
(= *Dacus* (*Bactrocera*) *pulcher* (Tryon) after Drew, 1978: 85).
HOLOTYPE ♂: D5163; [Glass House Mountain, Qld].
- Callantra auricoma* May, 1955: 153.
(= *Callantra smieroides* Walker after Drew, 1973: 2).
HOLOTYPE ♂: T5309; Ayr, Q[ld], 17.5.[19]54, A.W. May.
ALLOTYPE ♀: T5310; Ayr, Q[ld], Nov. 1954.
- Callantra petioliforma* May, 1955: 151.
HOLOTYPE ♂: T5308; Rockhampton, Q[ld], 1.4.[19]55, A.W.S. May.
There is a ♂ labelled allotype in the collection designated by May (1962: 63). As this specimen was not included in the type series it cannot be considered as a type.
1 ♀: T5883; Lawes, Qld.
- Callantra pusilla* May, 1965: 58.
HOLOTYPE ♂, PARATYPE ♂: T6307-8; Kuranda, Q[ld], 17.3.[19]64, R. Grattidge.
PARATYPE ♂: T6309; same data except 7.5.[19]64.
- Ceratitis bifasciata* D. Hardy, 1967: 133.
HOLOTYPE ♂: T6529; Ravensbourne Nat[ional] Park, S Qld, 17 Dec. 1952.
- Ceratitis unifasciata* D. Hardy, 1967: 137.
HOLOTYPE ♂: T6528; Eungella Nat[ional] Park, via Mackay, Qld, 11.xii.1965, G. Monteith.
- Chaetodacus bancroftii* Tryon, 1927: 199.
(= *Dacus* (*Bactrocera*) *bancroftii* (Tryon) after Drew, 1978: 88).
HOLOTYPE, ALLOTYPE, PARATYPE: D3130; [Gympie, Qld].
There are 3 individually pinned specimens each bearing a label 'TYPE D/3130'. Two bear an additional label 'Cudrania'. Although Tryon designated a holotype, an allotype and a paratype it is unclear which is which.
- Chaetodacus barringtoniae* Tryon, 1927: 196.
(= *Dacus* (*Bactrocera*) *barringtoniae* (Tryon) after Drew, 1978: 92).
HOLOTYPE, ALLOTYPE, PARATYPES: D3127; [Cairns, Qld].
There are 2 pins in the collection each with 2 specimens and identically labelled 'B' and 'TYPE D3127'. The type status of each specimen is uncertain.
- Chaetodacus bryoniae* Tryon, 1927: 192.
(= *Dacus* (*Bactrocera*) *bryoniae* (Tryon) after Drew, 1978: 20).
HOLOTYPE, ALLOTYPE, PARATYPE: D3124; Eidsvold, [Qld], T.C. B[ancroft].
There are 4 specimens mounted on 2 pins both bearing a 'TYPE' label. The sex of each specimen and its type status is uncertain.
- Chaetodacus dorsalis* var. *major* Tryon, 1927: 195.
(= *Dacus* (*Strumeta*) *cacuminatus* Hering after D. Hardy, 1951: 149).
TYPE ♂ and TYPE ♀: D3126; no data.
It is not clear as to the status of these 2 specimens as Tryon's description is somewhat vague. Tryon redescribed *dorsalis* from 2 ♂ and 2 ♀ (labelled pleisiotypes in collection, D3125, without data). Additionally there is a ♂ and a ♀ each bearing 2 labels 'D1022' and 'TYPE D3126 var. *major*'. It is possible Tryon's redescription was partially based on these specimens. Perkins and May (1949:14) described a new species, *Strumeta solani* for Tryon's concept of *dorsalis*, without mentioning types.
- Chaetodacus fagraea* Tryon, 1927: 188.
(= *Dacus* (*Bactrocera*) *fagraea* (Tryon) after Drew, 1978: 92).
SYNTYPE ♀: D3122; Babinda, Q[ld], 26.6.[19]25, R.W.M. (labelled type).
SYNTYPE ♂: D3122; Babinda, Q[ld], 24.6.[19]25, R.W.M. (labelled allotype).
- Chaetodacus halfordiae* Tryon, 1927: 190.
(= *Dacus* (*Bactrocera*) *halfordiae* (Tryon) after Drew, 1978: 31).
SYNTYPE ♂: D3123; Southport, [Qld], 23.8.[19]26 (labelled holotype).
- Chaetodacus jarvisi* Tryon, 1927: 201.
(= *Dacus* (*Afrodacus*) *jarvisi* (Tryon) after D.

Hardy, 1951: 120).
 HOLOTYPE ♀: D3131; [Stanthorpe, Qld].
Chaetodacus jarvisi var. *careya* Tryon, 1927: 202.
 (= *Dacus* (*Afrodacus*) *jarvisi* (Tryon) after D. Hardy, 1951: 120).
 TYPE ♂, TYPE ♀: D3121; Mackay, [Qld], 6.3.[19]26.

Chaetodacus musae Tryon, 1927: 197
 (= *Dacus* (*Bactrocera*) *musae* (Tryon) after Drew, 1978: 37).

When Tryon described this species he had at least 5 specimens before him, all of which had been reared from two species of banana, *Musa cavendishi* and *M. banksii*. On page 199 of the description 2 holotypes are proposed, 1 from each species of banana. An allotype and 2 paratypes were also proposed for specimens reared from *M. cavendishi*. The following specimens, all of uncertain status, are in the collection:

TYPE ♂: D3128; Meringa, [Qld], 8.6.[19]26, ex banana.

Another identically labelled specimen but of undetermined gender.

TYPE ♂: D3128; Geraldton [?Qld], host banana, bred in office, 12

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 1909

Another identically labelled specimen but of undetermined gender.

TYPE ♀: 3129; Cardwell, [Qld], 12.1.[19]26, native banana.

Chaetodacus tryoni var. *sarcocephali* Tryon, 1927: 188.

(= *Dacus* (*Strumeta*) *tryoni* var. *sarcocephali* (Tryon) after D. Hardy, 1951: 170).

HOLOTYPE ♀, ALLOTYPE ♀: D3121; Bot[anic] Gard[ens], [Brisbane], Qld.

PARATYPE ♀: D3121, no data.

There are a ♀ and a ♂ on a common pin bearing the holotype label. As the allotype is a ♀, the must be the holotype.

Chaetodacus tryoni var. *juglandis* Tryon, 1927: 188.

(= *Dacus* (*Strumeta*) *tryoni* (Froggatt) after D. Hardy, 1951: 170).

HOLOTYPE ♂: D3120; [Stanthorpe, Qld], 16.3.[19]25.

Daculus decurtans May, 1965: 61.

(= *Dacus* (*Polistomimetus*) *decurtans* (May) after Drew, 1979: 76).

HOLOTYPE ♀: T6310; Berrimah, N.T., 28.1.[19]64, C.S. Li.

Dacus (*Bactrocera*) *absconditus* Drew and Hancock, 1981: 54.

HOLOTYPE ♀, PARATYPES 2 ♀: T8221, T8239; 11 km N of Bamaga, on Somerset Road, Qld, 19.xii.1974, D.J. Rogers.

PARATYPES 3 ♀: T8222-3, T8226; 1 km S Narau Point, N of Bamaga, N Qld], 19.xii.1974, D.J. Rogers.

PARATYPES 3 ♀: T8224-5, T8229; 5 km N of Bamaga, N Qld], on Somerset Road, 19.xii.1974, D.J. Rogers.

PARATYPES 2 ♀: T8227-8; 8 km N of Bamaga, N Qld], on Somerset Road, 19.xii.1974, D.J. Rogers.

PARATYPES 3 ♀: T8231, T8237-8; 18 km N of Bamaga, N Qld], on Somerset Road, 19.xii.1974, D.J. Rogers.

PARATYPES 3 ♀: T8232, T8235-6; 27 km N of Bamaga, N Qld], on Somerset Road, 15.xii.1974, D.J. Rogers.

PARATYPES 2 ♀: T8233-4; 21 km N of Bamaga, N Qld], on Somerset Road, 18.xii.1974, D.J. Rogers.

PARATYPE ♀: T8240; 5 km E of Lockerbie Homestead, E Bamaga, N.Qld], 18.xii.1974, D.J. Rogers.

PARATYPE ♀: T8241; New Mappoon Settlement, near Bamaga, Cape York Pen[insula], N.Qld], xii.1974, [D.] J. Rogers.

Dacus (*Bactrocera*) *aeruginosus* Drew and Hancock, 1981: 57.

HOLOTYPE ♀: T8242; 4 km E of Lockerbie, Cape York [Peninsula], N.Qld, Jan 30 - Feb 4, 1975, G.B. Monteith.

PARATYPES 3 ♀: T8243-5; Gap C[ree]k, 6 mi N of Bloomfield R[iver], via Cooktown, N Qld, 12.xi.1975, G.B. Monteith.

PARATYPES 2 ♀: T8246-7; 31 km E of Heathlands, N Qld], 14.x.1976, D. Murray.

Dacus (*Bactrocera*) *allwoodi* Drew, 1979: 79.

HOLOTYPE ♀, PARATYPES 4 ♀: T7777-81; Smith Point, Cobourg Peninsula, N.T., 17 Sept. 1976, A. Smith.

PARATYPES 6 ♀: T7782-7; Croker Is[land], [N.T.], 16.xi.[19]76, W. Mollah.

Dacus (*Bactrocera*) *antigone* Drew and Hancock, 1981: 59.

HOLOTYPE ♀: T8248; Gordon's Mine area, Iron Range, N Qld, 12-18.ii.1976, G.B. Monteith.

PARATYPE ♀: T8249; Iron Range, 25 km S W Lockhart, N Qld], 14-21.iv.1977, R.I. Storey.

PARATYPE ♀: T8250; Yarraman River, 10 km S of Iron Range, N Qld], 18.x.1976, D. Murray.

PARATYPE ♀: T8251; Claudie River, 48 km SW Cape Weymouth, N Qld], 19.x.1976, D. Murray.

- PARATYPE ♂: T8252; Claudie River, 17 km W of Iron Range, N Q[ld], 18.x.1976, D. Murray.
 PARATYPE ♂: T8253; Claudie River, 15 km S of Iron Range, N Q[ld], 18.x.1976, D. Murray.
- Dacus (Bactrocera) aurantiacus* Drew and Hancock, 1981: 62.
 HOLOTYPE ♂, PARATYPES 2 ♂: T8254, T8256-7; Lockerbie Scrub, 25 km NE of Bamaga, N Q[ld], 7-14.iv.1977, R.I. Storey.
 PARATYPE ♂: T8255; 5 km E of Lockerbie Homestead, E. Bamaga, N.Q[ld], 18.xii.1974, D.J. Rogers.
 PARATYPE ♂: T8258; 8 km N of Bamaga, N Q[ld], on Somerset Road, 19.xii.1974, D.J. Rogers.
- Dacus (Dacus) bellulus* Drew and Hancock, 1981: 50.
 HOLOTYPE ♂: T8214; 34 km S of Laura, Cape York Pen[insula], N Q[ld], 10.viii.1976, J. Donaldson.
 PARATYPE 2 ♂: T8215-6; Gov[e], [N.T.], 15.xi.1976, W. Mollah.
 PARATYPE ♂: T8217; Gove, [N.T.], 16.xi.1976, W. Mollah.
 PARATYPES 2 ♂: T8218-9; Gove, [N.T.], 18.xi.[19]76, W. Mollah.
- Dacus (Bactrocera) erubescens* Drew and Hancock, 1981: 64.
 HOLOTYPE ♂, PARATYPE ♂: T8259-60; Weipa, Cape York Pen[insula], N Q[ld], 3.x.1977, A.W.C. de Witte.
- Dacus (Zeugodacus) fallaxis* Drew, 1972a: 196.
 HOLOTYPE ♂: T6995; Rocky River, Cape York [Peninsula], Qld, Nov. 1969, B. Cantrell.
- Dacus (Bactrocera) fuliginus* Drew and Hancock, 1981: 66.
 HOLOTYPE ♂: T8261; 4 km E of Lockerbie, Cape York [Peninsula], N Q[ld], 16-20.ix.1974, G.B. Monteith.
- Dacus (Didacus) hardyi* Drew, 1979: 74.
 HOLOTYPE ♂: T7788; Fogg Dam, N.T., 20.I.[19]78.
 PARATYPE ♀: T7789; East Alligator Riv[er], N.T., 17. Jul. [19]76, A. Smith.
 PARATYPE ♂: T7790; Gordon P[oin]t, Melville Is[land], N.T., 16.iii.1977, T. Angeles.
- Dacus (Bactrocera) humilis* Drew and Hancock, 1981: 68.
 HOLOTYPE ♂: T8262; 4 km E of Lockerbie, Cape York [Peninsula], N Q[ld], Jan. 30 - Feb. 4, 1975, G.B. Monteith.
- Dacus niger* Tryon, 1927: 211.
 (= *Dacus (Melanodacus) niger* Tryon after D. Hardy, 1951: 139).
 HOLOTYPE, ALLTYPE, PARATYPE: D3136; [Gympie and Cleveland].
- There are 4 individually pinned specimens in the collection all without data apart from the label 'TYPE D/3136' on each. The status of these specimens is uncertain as Tryon recorded only 3 specimens.
- Dacus (Bactrocera) opiliae* Drew and Hardy, 1981: 131.
 HOLOTYPE ♀: T8427; [ex laboratory culture, Darwin, N.T.], Apr. [19]79, G. Fitt.
 PARATYPE ♂: T8428; Darwin, Northern Territory, 2.ii.1976, A. Allwood.
 PARATYPE ♂: T8429; Pine Creek, Stuart Highway, N.T., Feb. 1976, A. Allwood.
 PARATYPE ♂: T8430; Melville Island, Northern Territory, Jan. 1976, A. Allwood.
 PARATYPE ♂: T8431; Gunn P[oin]t, [N.T.], 18 Oct. 1976, A. Smith.
 PARATYPE ♂: T8432; Kimb[erley] Res[earch] St[atio]n, W.A., 17.1.1977.
- Dacus (Bactrocera) peninsularis* Drew and Hancock, 1981: 70.
 HOLOTYPE ♂, PARATYPES 9 ♂: T8263, T8265-9, T8273-6; Lockerbie Scrub, 25 km NE of Bamaga N Q[ld], 7-14.iv.1977, R.I. Storey.
 PARATYPE ♂: T8264; Badu Island, Torres Strait, [Qld], 21.vi.1977, R. Paton.
 PARATYPE ♂: T8270; 2 km N of Bamaga, N Q[ld], on Somerset Road, 19.xii.1974, D.J. Rogers.
 PARATYPE ♂: T8271; 5 km N of Bamaga, N Q[ld], on Somerset Road, 19.xii.1974, D.J. Rogers.
 PARATYPE ♂: T8272; 8 km N of Bamaga, N Q[ld], on Somerset Road, 19.xii.1974, D.J. Rogers.
 PARATYPE ♂: T8277; Bamaga, Cape York Pen[insula], N Q[ld], xii.1974, [D.]J. Rogers.
 PARATYPE ♂: T8278; Red Island Point, 3 km N of Bamaga, N Q[ld], 15.xii.1974, D.J. Rogers.
 PARATYPE ♂: T8279; Vallack Point, Cape York Pen[insula], N Q[ld], xii.1974, [D.]J. Rogers.
 PARATYPE ♂: T8280; Blue Valley Creek, 11 km E of Bamaga, N Q[ld], 9.x.1976, D. Murray.
 PARATYPE ♂: T8281; 67 km E of Weipa, N Q[ld], 21.x.1976, D. Murray.
 PARATYPE ♂: T8282; Deep Creek, 37 km N of Coen, N Q[ld], 21.x.1976, D. Murray.
 PARATYPE ♂: T8283; Archer Xing (= River crossing), Cape York Pen[insula], Qld, 14.ix.1974, G.B. Monteith.
- Dacus (Bactrocera) perkinsi* Drew and Hancock, 1981: 72.
 HOLOTYPE ♂: T8284; 3 km E of Lockerbie, Cape York [Peninsula], N Qld, Jan. 30 - Feb. 24, 1975, G.B. Monteith.

- PARATYPE σ^7 : T8285; Chinaman's Garden, 22 km NE of Bamaga N Q[ld], 9.x.1976, D. Murray.
- PARATYPE σ^7 : T8286; Horn Island, Torres Strait, N Qld, 25-29.i.1975, R. Raven.
- PARATYPES 3 σ^7 : T8287-9; Lockerbie Scrub, 25 km NE of Bamaga, N Q[ld], 9.x.1976, D. Murray.
- PARATYPES 3 σ^7 : T8290-2; Iron Range, Cape York Pen[insula], N Q[ld], vii.1977, R. Goebel.
- PARATYPE σ^7 : T8293; Iron Range, 25 km SW of Lockhart, N Q[ld], 14-21.iv.1977, R.I. Storey.
- PARATYPE σ^7 : T8294; Eer Hill vicinity, Moa (Banks) Is[land], Torres Str[ait], N Qld, July 9-13, 1977, G.B. Monteith & D. Cook.
- Dacus (Bactrocera) romigae* Drew and Hancock, 1981: 75.
- HOLOTYPE σ^7 , PARATYPES 2 σ^7 : T8295-6, T8300; Gordon's Mine area, Iron Range, N Qld, 12-18.ii.1976, G.B. Monteith.
- PARATYPES 3 σ^7 : T9297-9; Iron Range, 25 km SW of Lockhart, N Q[ld], 14-21.iv.1977, R.I. Storey.
- Dacus (Bactrocera) rufofuscus* Drew and Hancock, 1981: 77.
- HOLOTYPE σ^7 : T8301; 15 km W of Captain Billy Creek, Cape York Pen[insula], N Q[ld], 142°45'E, 11°40'S, 4-9.vii.1975, D.I. Hancock.
- PARATYPE σ^7 : T8302; Trevethan C[ree]k, via Helenvale, N Qld, 2-3.x.1974, G.B. Monteith.
- Dacus (Bactrocera) russeolus* Drew and Hancock, 1981: 80.
- HOLOTYPE σ^7 : T8303; Paluma, near Mount Spec, N Q[ld], 8.ii.1975, R.A.I. Drew.
- PARATYPES 3 σ^7 : T8304-5, T8308; Paluma near M[oun]t Spec, N Q[ld], 8.ii.1975, R.A.I. Drew.
- PARATYPES 2 σ^7 : T8306-7; The Crater, 25 km S of Atherton, N Q[ld], 6.ii.1975, R.A.I. Drew.
- Dacus (Pacifoducus) salamander* Drew and Hancock, 1981: 51.
- HOLOTYPE σ^7 : T8220; Bamaga, Cape York Pen[insula], N Q[ld], Mar/Apr, 1976, W. Kilpatrick.
- Dacus signatifer* Tryon, 1927: 210.
- (= *Dacus (Daculus) signatifer* Tryon after D. Hardy, 1951: 127).
- SYNTYPES 2 σ^7 : D3135; [Bowen, Qld]. (Both specimens badly damaged and bear identical labels 'TYPE D/3135').
- Neodacus newmani* Perkins, 1937: 58.
- (= *Dacus (Dacus) newmani* (Perkins) after May, 1963: 49).
- HOLOTYPE σ^7 : T8586; Carnarvon, W A., 8 Sept. 1929, I.M. Mackerras.
- Neodacus signatifrons* May, 1955: 155.
- (= *Dacus (Dacus) signatifrons* (May) after May, 1963: 49).
- HOLOTYPE σ^7 : T5307; Brisbane, Q[ld], 12.10.[19]53, A.W.S. May.
- Neozeugodacus aureus* May, 1951: 10.
- (= *Dacus (Hemizeugodacus) aureus* (May) after Drew, 1972: 21).
- HOLOTYPE σ^7 , ALLOTYPE σ^7 : T5262-3; Ravensbourne, [Qld], 13.2.[19]50, A.W.S. May.
- Paraceratitella eurycephala* D. Hardy, 1967: 140.
- HOLOTYPE σ^7 : T6527; Gatton, Q[ld], 13.x.[19]36, F.A. Perkins.
- Polistomimeles absonifacies* May, 1955: 156.
- (= *Dacus (Dacus) absonifacies* (May) after Drew and Hancock, 1981: 51).
- HOLOTYPE σ^7 , ALLOTYPE σ^7 : T5305-6; Stanthorpe, Q[ld], 21. and 23.10.[19]53, A.W.S. May.
- Psilodacus exiguus* May, 1957: 300.
- (= *Dacus (Daculus) exiguus* (May) after Drew, 1972: 21).
- HOLOTYPE σ^7 : T5607; Atherton, Q[ld], 5.12.[19]55, A.W.S. May.
- Rioxa araucariae* Tryon, 1927: 219.
- HOLOTYPE, ALLOTYPE, PARATYPE: D3138; [McPherson Range, Qld]. Only 2 specimens have been located in the collection, a σ^7 , and a headless and abdomenless specimen. Both bear identical labels 'D3138' and 'D453'.
- Rioxa jarvisi* Tryon, 1927: 221.
- HOLOTYPE σ^7 : D3139; Stanthorpe, Qld, 1926.
- Strumeta alyxiae* May, 1952: 335.
- (= *Dacus (Bactrocera) alyxiae* (May) after Drew, 1978: 85).
- HOLOTYPE σ^7 , ALLOTYPE σ^7 : T5275-6, Mossman, Q[ld], 10.8.[19]51, A.W.S. May.
- PARATYPE σ^7 : T8581; same data.
- Strumeta amplexiseta* May, 1962: 66.
- (= *Dacus (Bactrocera) amplexiseta* (May) after Drew, 1978: 85).
- HOLOTYPE σ^7 : T5860; Atherton, Q[ld], 18.8.[19]61, A.W.S. May.
- Strumeta aquilonis* May, 1965: 62.
- (= *Dacus (Bactrocera) aquilonis* (May) after Drew, 1978: 88).
- HOLOTYPE σ^7 , PARATYPE σ^7 : T6311-2; Nightcliff, N.T., 2.5.[19]61, E. Austwick.
- PARATYPE σ^7 : T6313; same data except 21.iv.1961.
- Strumeta bidentata* May, 1962a: 527.
- (= *Dacus (Bactrocera) bidentatus* (May) after Drew, 1978: 91).
- HOLOTYPE σ^7 , ALLOTYPE σ^7 , PARATYPES 1 σ^7 , 4

- : T5890-6; Byfield, [Qld], 24.10.[19]61, A.W.S. May.
- Strumeta bilineata* Perkins and May, 1949: 7.
(= *Dacus (Bactrocera) mayi* Hardy after Drew, 1978: 33).
SYNTYPES 1 ♂, 1 ♀: T5249-50; Cairns, Q[ld], 12.9.[19]37, F.A. Perkins (both are labelled holotype).
- Strumeta endiandrae* Perkins and May, 1949: 9.
(= *Dacus (Bactrocera) endiandrae* (Perkins and May) after Drew, 1978: 79).
SYNTYPES 1 ♂, 1 ♀: T5251-2; Cairns, [Qld], 16.10.[19]37, F.A. Perkins (both are labelled holotype).
- Strumeta fuscatus* Perkins and May, 1949: 5.
(= *Dacus (Bactrocera) laticaudus* Hardy and Drew, 1978: 87).
SYNTYPES 1 ♂, 1 ♀: T5247-8; Cairns, Q[ld], 12.9.[19]37, F.A. Perkins (both are labelled holotype).
- Strumeta hispidula* May, 1957: 301.
(= *Dacus (Bactrocera) hispidulus* (May) after Drew, 1978: 87).
HOLOTYPE ♀: T5595; Atherton, Q[ld], 23.4.[19]56, A.W.S. May.
There is a ♂ in the collection labelled allotype, designated by May (1962: 68). As this specimen was not included in the type series, it cannot be considered as a type.
1 ♂, T5884; Atherton, Qld.
- Strumeta manskii* Perkins and May, 1949: 3.
(= *Dacus (Bactrocera) recurrens* (Hering) after Drew and Hancock, 1981: 82).
SYNTYPES 1 ♂, 1 ♀: T5245; Cairns, Q[ld], 12.9.[19]37, F.A. Perkins (both labelled holotype).
- Strumeta melas* Perkins and May, 1949: 12.
(= *Dacus (Bactrocera) melas* (Perkins and May) after Drew, 1978: 35).
SYNTYPE ♂: T5255; Gayndah, [Qld], 10.3.[19]46, A.W.S. May (labelled holotype).
- Strumeta mendosa* May, 1957: 303.
(= *Dacus (Bactrocera) mendosus* (May) after Drew, 1978: 87).
HOLOTYPE ♂: T5594; Atherton, Q[ld], 18.6.[19]56, A.W.S. May. (Right wing missing).
- Strumeta mutabilis* May, 1951: 6.
(= *Dacus (Bactrocera) mutabilis* (May) after Drew, 1978: 40).
HOLOTYPE ♂, ALLOTYPE ♀: T5265-6; Toowoomba, [Qld], Oct. 1950, A.W.S. May.
- Strumeta notatugena* May, 1952: 337.
(= *Dacus (Bactrocera) notatugena* (May) after Drew, 1978: 86).
- HOLOTYPE ♂: T5277; Cairns, Q[ld], 5.11.[19]52, A.W.S. May.
There are 3 ♂ in the collection labelled allotype and paratypes designated by May (1957: 305). As these specimens were not included in the type series, they cannot be considered as types.
3 ♂: T5596; Atherton, Qld.
- Strumeta pallidus* Perkins and May, 1949: 10.
(= *Dacus (Bactrocera) pallidus* (Perkins and May) after Drew, 1978: 91).
SYNTYPES 1 ♂, 1 ♀: T5253-4; Cairns, Q[ld], 29.3.[19]38, F.A. Perkins.
- Strumeta phaleriae* May, 1955: 158.
(= *Dacus (Bactrocera) phaleriae* (May) after Drew, 1978: 88).
HOLOTYPE ♂, ALLOTYPE ♀, PARATYPES 1 ♂, 1 ♀: T5315-8; Port Douglas, Q[ld], 2.6.[19]55, A.W.S. May.
- Strumeta quadrata* May, 1962a: 530.
(= *Dacus (Bactrocera) quadratus* (May) after Drew, 1978: 91).
HOLOTYPE ♂: T5897; Atherton, [Qld], 2.3.[19]62, W. Yarrow.
PARATYPE ♀: T5902; same data as holotype.
PARATYPE ♂: T5903; same data except 19.1.[19]62.
PARATYPE ♀: T5904; same data except 9.2.[19]62.
PARATYPES 2 ♂: T5898, T5900; Atherton Tableland, Q[ld], 12.[19]60, A.W.S. May.
PARATYPE ♂: T5899; Atherton, Q[ld], Dec. 1960, A.W.S. May.
PARATYPES 2 ♀: T5901, T5907; Wongabel, Atherton Tableland, Q[ld], 12.[19]60, A.W.S. May.
PARATYPE ♂: T5905; Byfield, [Qld], 28.2.[19]62, W. Yarrow.
PARATYPE ♀: T5906; Rita Is[land], [Qld], 31.1.[19]62, W. Yarrow.
- Strumeta robiginosa* May, 1957: 305.
(= *Dacus (Bactrocera) robiginosus* (May) after Drew, 1978: 91).
HOLOTYPE ♂: T5592; Cairns, Q[ld], 8.11.[19]55, A.W.S. May.
PARATYPE ♀: T5593; same data except 18.11.[19]55.
- Strumeta rufescens* May, 1967: 81.
(= *Dacus (Bactrocera) rufescens* (May) after Drew, 1978: 89).
HOLOTYPE ♂, PARATYPE ♀: T6545-6; Kuranda, Q[ld], 16.7.[19]64, R. Grattidge.
- Strumeta silvicola* May, 1962: 68.
(= *Dacus (Bactrocera) silvicola* (May) after Drew, 1978: 89).

HOLOTYPE ♂: T5862; Ringrose National Park, Atherton Tableland, Qld., 12.[19]60, A.W.S. May.
p70P9017 ♀: T5850-5, T5862-72, Atherton, Qld.

Strumeta solani Perkins and May, 1949: 14.

(= *Dacus* (*Bactrocera*) *cacuminatus* (Hering) after D. Hardy, 1951: 149; Drew, 1978: 22).
p70P901 ♀, 1 ♂: T5257-8; Atherton, Qld., 26.7.[19]37, F.A. Perkins (both labelled holotype).

Strumeta tenuifascia May, 1965: 64.

(= *Dacus* (*Bactrocera*) *tenuifascia* (May) after Drew, 1978: 91).

HOLOTYPE ♀, PARATYPES 2 ♀: T6315-7; Nightcliff, N.T., 28.7.[19]61, E. Austwick.

Zeugodacus choristus May, 1962: 72.

(= *Dacus* (*Zeugodacus*) *choristus* (May) after Drew, 1972: 20).

HOLOTYPE ♀: T5874; Atherton, Qld., 30.3.[19]61, A.W.S. May.

ALLOTYPE ♂: T5875; Ayr, Qld., 19.12.[19]56; A.W.S. May.

PARATYPE ♀: T5878; same data except Apr. 1957.

PARATYPE ♀: T5876; Atherton, Qld., Dec. 1960, A.W.S. May.

PARATYPE ♂: T5877; same data except 1.8.[19]55.

PARATYPE ♀: T5879; same data except 3.6.1960.

Family CYPSELOSOMATIDAE

Cypselosoma australis McAlpine, 1966: 676.

p70P901 ♀, 1 ♂: T8031-2; Bat Cave, Carrai via Kempsey, N.S.W., 19-20 Jul. 1964, D.K. McAlpine.

Family LAUXANIIDAE

Sapromyza hardii Lower, 1953: 73.

HOLOTYPE ♂, PARATYPES 4 ♂: T8571-5; Blackheath, [N.S.W.], 13 Nov. 1919, G.H. Hardy.

Sapromyza venusta Lower, 1953: 74.

HOLOTYPE ♂: T8576; Brisbane, [Qld], 10.8.[19]15, H. Haeker. (Right wing missing).

Homoneura nubila Lower, 1953: 75.

HOLOTYPE ♀, PARATYPES 1 ♀, 1 ♂: T6365-7; Tooloom, N.S.W., Jan. 1926, H. Haeker. This species is a primary homonym (see Malloch, 1929: 322).

Family HELEOMYZIDAE

Leriopsis montana McAlpine, 1967: 76.

PARATYPE ♂: T6069; Cradle Mountain, Tas., 24.1.[19]25 [G.H. Hardy].

Tas., 24.1.[19]25 [G.H. Hardy].

PARATYPE ♀: T6070; same data except 21.1.[19]25.

Cairnsimyia excavata McAlpine, 1968: 271.

HOLOTYPE ♀: T6530; Stanthorpe, Qld., 26.8.1925, F.A. Perkins.

Family SPHAEROCERIDAE

Leptocera (*Biroina*) *dodo* Richards, 1973: 348.

HOLOTYPE ♀: T7128; Hellyer Gorge, 15 ml. N of Waratah, NW Tas., 2-4.ii.1967, G. Monteith.

Monteithiana cynthia Richards, 1973: 394.

HOLOTYPE ♀: T7125; Cynthia Bay, Lake St Clair, Tas., 7-8.ii.1967, G. Monteith.

Monteithiana dealata Richards, 1973: 393.

HOLOTYPE ♀: T7126; Hellyer Gorge, 15 ml. N of Waratah, NW Tas., 2-4.ii.1967, G. Monteith.

Otwayia sabina Richards, 1973: 390.

HOLOTYPE ♀: T7129; Grey River crossing, Otway Ranges, Vic., 26.1.1967, G. Monteith.

Family CLUSIIDAE

Allometopon perkinsi McAlpine, 1960: 86.

HOLOTYPE ♀: T5684; Lamington National Park, Qld.

Heteromeria hypoleuca McAlpine, 1960: 72.

HOLOTYPE ♀: T5683; Lamington National Park, Qld.

Family AGROMYZIDAE

Melanagromyza caulophaga Kleinschmidt, 1960: 334.

(= *Liriomyza caulophaga* (Kleinschmidt) after Spencer, 1963: 332).

HOLOTYPE ♂: T5810; Nudgee, [Qld], Oct. [19]57, R.P. Kleinschmidt.

Melanagromyza dianellae Kleinschmidt, 1960: 331.

(= *Ophiomyia dianellae* (Kleinschmidt) after Spencer, 1966: 49).

HOLOTYPE ♂: T5808; Coolangatta, [Qld], 25.4.[19]56, A.R. Brimblecombe.

ALLOTYPE ♀: T5809; same data except 11.6.[19]60.

Melanagromyza indigoferae Kleinschmidt, 1960: 329.

(= *Ophiomyia indigoferae* (Kleinschmidt) after Spencer, 1978: 86).

HOLOTYPE ♀, ALLOTYPE ♂: T5806-7; Eight Mile Plains, [Qld], May 1955, R. Colbran.

Melanagromyza pisi Kleinschmidt, 1960: 324.

(= *Ophiomyia pisi* (Kleinschmidt) after Spencer, 1978: 98).

- HOLOTYPE ♀: T5804; Toowong, [Qld], Oct. 1957, R.P. Kleinschmidt.
- Melanagromyza polyphyta* Kleinschmidt, 1960: 326.
(= *Tropicomyza polyphyta* (Kleinschmidt) after Spencer, 1973: 191).
HOLOTYPE ♀, ALLOTYPE ♂: T5802-3; Kenmore, [Qld], Feb. 1957, R.P. Kleinschmidt.
- Melanagromyza wikstroemiae* Kleinschmidt, 1960: 321.
(= *Ophiomyia wikstroemiae* (Kleinschmidt) after Spencer, 1978: 106).
HOLOTYPE ♀: T5800; Kenmore, [Qld], Feb. 1954, R.P. Kleinschmidt.
ALLOTYPE ♂: T5801; Coolangatta, Qld., .1.[19]59, A. Brimblecombe.
- Family NEUROCHAETIDAE
- Neurochaeta inversa* McAlpine, 1978: 285.
PARATYPES 1 ♀, 1 ♂: T8029-30; Brinerville, near Bellingen, N.S.W., Apr. 1977, H.G. Cogger and E. Cameron.
- Family DROSOPHILIDAE
- Acetoxenus quadristriatus* Duda, 1936: 347.
SYNTYPES 3: T8582-4; Thursday Is[land], Qld, vii.1934, H.J. Hockings. (All bear round cototype labels).
- Drosophila cancellata* Mather, 1955: 550.
SYNTYPES 2 ♀, 2 ♂: T5326-9; Moggill, S E Q[ld], 19.xi.1952 (labelled paratypes).
- Drosophila dispar* Mather, 1955: 570.
SYNTYPES 2 ♀, 2 ♂: T5346-9; Samford, S E Q[ld], 22.vii.1953 (labelled paratypes).
- Drosophila fumida* Mather, 1960: 230.
PARATYPES 2 ♀, 2 ♂: T6005-7, Pemberton, S W West Australia, 12 Dec. 1956, W.B. Mather. (Specimens badly damaged).
- Drosophila levis* Mather, 1955: 561.
(= *Drosophila bryani* Malloch after Mather, 1956: 65).
SYNTYPES 2 ♀, 2 ♂: T5341-4; Maroochydore, S E Q[ld], 8.iii.1953 (labelled paratypes).
- Drosophila maculosa* Mather, 1955: 560.
(= *Drosophila novamaculosa* Mather, 1956: 65, *maculosa* preoccupied).
SYNTYPES 2 ♀, 2 ♂: T5336-9; Moggill, S E Q[ld], 19.xi.1952 (labelled paratypes).
- Drosophila novamaculosa* Mather, 1956: 65 (See *Drosophila maculosa* Mather, 1955: 560).
- Drosophila opaca* Mather, 1955: 558.
(= *Drosophila subnitida* Malloch after Bock, 1976: 74).
SYNTYPES 2 ♀, 2 ♂: T5331-4; Noosa, S E Q[ld], 9.i.1953 (labelled paratypes).
- Drosophila rubida* Mather, 1960: 234.
PARATYPES 2 ♀, 2 ♂: T6001-4, Crystal Cascades, N E Q[ld], 31 May 1958, W.B. Mather.
- Drosophila versicolor* Mather, 1955: 573.
(= *Drosophila buzzatii* Paterson and Wheeler after Mather, 1957: 224).
SYNTYPES 2 ♀, 2 ♂: T5346-9; Samford, S E Q[ld], 22.vii.1953 (labelled paratypes).
- Family MUSCIDAE
- Dichaetomyia arrogans* Pont, 1969: 270.
PARATYPE ♂: T6606; Cairns, Q[ld], 27.6.[19]50, W.A. Smith.
- PARATYPE ♀: T6607; Deeral, Q[ld], 27.6.[19]50, W.A. Smith.
- Musca fergusonii* Johnston and Bancroft, 1920: 201.
LECTOTYPE ♀, PARALECTOTYPE ♂: D2637; [Eidsvold, Qld].
- Musca hilli* Johnston and Bancroft, 1920a: 35.
(= *Musca terraereginae* Johnston and Bancroft after Pont and Paterson, 1971: 110).
LECTOTYPE ♀, PARALECTOTYPE ♂: D2636 [Eidsvold, Qld].
- Musca terraereginae* Johnston and Bancroft, 1920a: 31.
LECTOTYPE ♀, PARALECTOTYPE ♂: D2637-8; [Eidsvold, Qld].
- Family SARCOPHAGIDAE
- Blaesoxipha similis* Cantrell, 1978: 363.
HOLOTYPE ♀: T7692; Tarome area, S E Q[ld], 16.iii.1975, B.K. Cantrell.
- PARATYPE ♂: T7698; Emerald, [Qld], 5.3.1974, G.K. Waite.
- Helicobia australis* Johnston and Tiegs, 1921: 50.
(= *Phytosarcophaga australis* (Johnston and Tiegs) after Lopes, 1967: 145).
HOLOTYPE ♀: D2348; Brisbane, [Qld], .9.[19]20.
- Sarcophaga alpha* Johnston and Tiegs, 1921: 57.
(= *Tricholioproctia alpha* (Johnston and Tiegs) after Lopes, 1954: 244).
HOLOTYPE ♀: D2351; Brisbane, [Qld].
- Sarcophaga bancrofti* Johnston and Tiegs, 1921: 85.
(= *Fergusoninuyia bancrofti* (Johnston and Tiegs) after Lopes, 1958: 547).
HOLOTYPE ♀: D2362; [Lamington] National Park, Qld, .1.[19]21.
- Sarcophaga beta* Johnston and Tiegs, 1921: 58.
(= *Tricholioproctia beta* (Johnston and Tiegs) after Lopes, 1954: 242)

HOLOTYPE ♀: D2366; Bred from carrion, Feb 17, 1921.

ALLOTYPE -: D2366; no data.

Sarcophaga brunneopalpis Johnston and Tiegs, 1922: 184.

(= *Parasarcophaga orchidea* (Boettcher) after G. Hardy, 1932: 279 and 1943: 30).

HOLOTYPE ♀: T8577; Brisbane [Qld], 20.12.[19]17, H. Hacker.

Sarcophaga delta Johnston and Tiegs, 1921: 62.

(= *Tricholioproctia beta* (Johnston and Tiegs) after Lopes, 1954: 242).

HOLOTYPE ♀: D2354; Brisbane, Qld. (Abdomen on a separate pin with labels 'Caught on flowers Brisbane' and 'delta').

Sarcophaga depressa (Robineau-Desvoidy), 1830: 322.

There is a labelled allotype in the collection which was not included in the type species and cannot be considered as a type.

1 ♂: D2360; Brisbane, [Qld].

S. iota Johnston and Tiegs was considered to be conspecific with this specimen by Johnston and Tiegs (1922a: 179).

Sarcophaga eta Johnston and Tiegs, 1921: 65.

(= *Parasarcophaga eta* (Johnston and Tiegs) after Lopes, 1959: 64).

HOLOTYPE ♀: D2357; no data.

ALLOTYPE ♂: T8578; Brisb[ane, Qld], .10.[19]20.

Sarcophaga gamma Johnston and Tiegs, 1921: 60.

(= *Parasarcophaga orchidea* (Boettcher) after G. Hardy, 1943: 30).

HOLOTYPE ♀: D2350; Brisbane, Qld.

Sarcophaga impatiens Walker, 1849: 828.

(= *Tricholioproctia impatiens* (Walker) after Lopes, 1954: 246).

There is a ♂ labelled allotype in the collection, designated by Johnston and Tiegs, 1921: 52. As this specimen was not included in the type series, it cannot be considered as a type.

1 ♂: D2361; Brisbane, Qld.

Sarcophaga iota Johnston and Tiegs, 1921: 79.

(= *Taylorimyia iota* (Johnston and Tiegs) after Lopes, 1959: 47).

HOLOTYPE ♀: D2360; Brisbane, [Qld], Nov. 1920.

Sarcophaga kappa Johnston and Tiegs, 1921: 81.

(= *Johnstonimyia kappa* (Johnston and Tiegs) after Lopes, 1959: 50).

HOLOTYPE ♀: D2356; Brisbane, [Qld], .4.[19]21.

Sarcophaga misera Walker, 1849: 829.

(= *Parasarcophaga misera* (Walker) after G. Hardy, 1943: 30).

There is a ♂ specimen of this species in the collection labelled allotype, designated by Johnston and Tiegs (1921: 67). As this specimen was not included in the type series, it cannot be considered as a type.

1 ♂, no data.

Sarcophaga (Parasarcophaga) omega Johnston and Tiegs, 1921: 86).

(= *Parasarcophaga omega* (Johnston and Tiegs) after Lopes, 1959: 57).

HOLOTYPE ♀: D2355; Brisbane, [Qld], .4.[19]21.

Sarcophaga omikron Johnston and Tiegs, 1921: 82.

(= *Tricholioproctia omikron* (Johnston and Tiegs) after Lopes, 1954: 256).

HOLOTYPE ♀, ALLOTYPE -: D2623; no data.

PARATYPE ♀: D2623; Brisbane, [Qld], 7.2.[19]21, (labelled cotype).

Sarcophaga sigma Johnston and Tiegs, 1921: 84.

(= *Parasarcophaga aurifrons* (Macquart) after Lopes, 1959: 62).

HOLOTYPE ♀, ALLOTYPE -: D2347; no data.

Sarcophaga theta Johnston and Tiegs, 1921: 78.

(= *Tricholioproctia froggatti* (Taylor) after Lopes, 1954: 268).

HOLOTYPE ♀: D2364; B[ris]bane, [Qld], .6.[19]20.

ALLOTYPE -: T8579; Brisb[ane, Qld], .1.[19]20.

Sarcophaga tryoni Johnston and Tiegs, 1921: 54.

(= *Tricholioproctia tryoni* (Johnston and Tiegs) after Lopes, 1954: 258).

HOLOTYPE ♀, ALLOTYPE -: D2365; no data.

Sarcophaga triplex G. Hardy, 1943: 27.

(= *Tricholioproctia triplex* (Hardy) after Lopes, 1954: 264).

HOLOTYPE ♀: T8580; Aramara, [Qld], Dec. 1939 A.R.B.

Sarcophaga zeta Johnston and Tiegs, 1921: 76.

(= *Tricholioproctia zeta* (Johnston and Tiegs) after Lopes, 1954: 240).

HOLOTYPE ♀: D2353; no locality, Apr 1, 1921.

Family TACHINIDAE

Besserioides sexualis Curran, 1938: 185.

(= *Besserioides varicolor* (Curran) after Crosskey, 1973: 111).

PARATYPE ♂: D5197; Laidley, Qld, 2.1.1928, M.G. Evans. (Specimen badly damaged).

Thrycolyga curriei Curran, 1938: 197.

(= *Exorista curriei* (Curran) after Crosskey, 1973: 143).

PARATYPE ♀: D5195; Biloela, Qld, 20.ii.1927, G.A. Currie.

- Zenillia noctuae* Curran, 1938: 199.
(= *Carcelia noctuae* (Curran) alter Crosskey, 1973: 147).
PARATYPE ♀: D5196; Biloela, Qld. 14.ii.1927, G.A. Currie.
Zosteromyia brevifacies G. Hardy, 1934: 36.
(= *Trigonospila brevifacies* (Hardy) after Crosskey, 1973: 141).
LECTOTYPE ♀: T7127; Tooloom, N.S.W., 29.i.19126.

SOUTH PACIFIC SPECIES

Family TEPHRITIDAE

- Asiadacus nigrescens* Drew, 1968: 23.
(= *Dacus (Strumeta) nigrescens* (Drew) after Drew, 1972: 21).
HOLOTYPE ♀: T6576; Rabaul, New Britain, 14.xii.1966, Sir A. Mann.
Asiadacus triangularis Drew, 1968: 21.
(= *Dacus (Pacifodacus) triangularis* (Drew) after Drew, 1972: 20).
HOLOTYPE ♀, PARATYPE ♀: T6574-5; Rabaul, New Britain, 14.xii.1966, A. Mann.
Callantra capillaris Drew, 1972a: 185.
HOLOTYPE ♀: T6982; Wabirong Village, Kieta, Bougainville Is[land], 18.vi.1970, R.M. Berena.
PARATYPE ♀: T6983; DASF, Buin, Bougainville Is[land], 3-7.vi.1970, R.M. Berena.
Callantra mayi Drew, 1972a: 187.
HOLOTYPE ♀: T6984; Wau, N[ew] G[uinea], 3-10.iv.1965, E.N. Marks.
Dacus (Zeugodacus) abdoangustus Drew, 1972a: 191.
HOLOTYPE ♀: T6996; Daru Village, Bougainville Is[land], 15-30.v.1970, R.M. Berena.
Dacus (Strumeta) abdofuscatus Drew, 1971: 48.
HOLOTYPE ♀: T6938; Aroana Estate, Aroa R[iver], Papua, 29 Nov. 1963, D.K. McAlpine.
Dacus (Strumeta) abdolonginquus Drew, 1971: 50.
HOLOTYPE ♀: T6939; L.A.E.S. Keravat, E New Britain, ix.1969, D.F. O'Sullivan.
Dacus (Strumeta) abdonigellus Drew, 1971: 52.
HOLOTYPE ♀: T6940; Bubia, near Lae, T.P.N.G., 28 Dec. 1963, D.K. McAlpine.
ALLOTYPE ♀: T6941; Bainyik, T.P.N.G., 20 Dec. 1963, D.K. McAlpine.
Dacus (Asiadacus) abdopallescens Drew, 1971: 31.
(= *Dacus (Pacifodacus) abdopallescens* Drew after Drew, 1972: 21).
HOLOTYPE ♀: T6929; Lumi, West Sepik Dist[ri]ct, New Guinea, 8.xii.1967, A. Mann.
Dacus (Zeugodacus) amoenus Drew, 1972a: 192.
HOLOTYPE ♀: T6999; Kieta, Bougainville Island, 13.v.1970, R.M. Berena.
Dacus (Strumeta) amplus Drew, 1971: 55.
HOLOTYPE ♀: T6942; Keravat, E New Britain, ix.1969, D.F. O'Sullivan.
Dacus (Asiadacus) aneuittatus Drew, 1971: 33.
(= *Dacus (Pacifodacus) aneuittatus* Drew after Drew, 1972: 21).
HOLOTYPE ♀: T6930; Sarramea, New Caledonia, 19.xii.1969, P. Cocherneau.
Dacus (Strumeta) anomalus Drew, 1971: 57.
HOLOTYPE ♀, PARATYPE ♀: T6943-4; Vila, New Hebrides, 6 Jan. 1970, E. Kanas.
Dacus (Strumeta) anthracinus Drew, 1971: 59.
HOLOTYPE ♀: T6945; Upper Warangoi V[alley], E New Britain, 10-27.x.1969, D.F. O'Sullivan.
Dacus (Strumeta) aterrimus Drew, 1972a: 204.
HOLOTYPE ♀: T6991; Daru Village, Bougainville Is[land], 15-20.v.1970, R.M. Berena.
Dacus (Zeugodacus) brachus Drew, 1972a: 194.
HOLOTYPE ♀: T6994; Mount Lawes, Cent[ral] Dist[ri]ct, Papua, 9-13.iii.1970, T.L. Fenner.
Dacus (Asiadacus) confluentus Drew, 1971: 35.
(= *Dacus (Strumeta) confluentus* Drew after Drew, 1972: 21).
HOLOTYPE ♀: T6931; Daru Village, Bougainville Is[land], May 1970, R.M. Berena.
Dacus (Paratridacus) coracinus Drew, 1971: 46.
HOLOTYPE ♀: T6937; Bainyik, T.P.N.G., 20 Dec. 1963, D.K. McAlpine.
Dacus (Zeugodacus) curtus Drew, 1972a: 195.
HOLOTYPE ♀: T6997; Vudal, E New Britain, Jun. 1970, S. Medcalf.
Dacus (Paradacus) decipiens Drew, 1972: 13.
HOLOTYPE ♀; ALLOTYPE ♀: T6987-8; Keravat, New Britain, May 1966, G.S. Dunn.
Dacus (Strumeta) decumanus Drew, 1972a: 205.
HOLOTYPE ♀: T6989; Daru Village, Bougainville Is[land], 15-30.v.1970, R.M. Berena.
PARATYPE ♀: T6990; Yura Village, Buin, Bougainville Is[land], 4-8.vi.1970, R.M. Berena.
Dacus (Strumeta) denigratus Drew, 1971: 61.
(= *Dacus (Bactrocera) longicornis* Macquart after D. Hardy, 1976: 246).
HOLOTYPE ♀: T6946; Namatanai, New Ireland, 24-30.iv.1970, D. O'Sullivan.
Dacus (Strumeta) dyscritus Drew, 1971: 63.
HOLOTYPE ♀: T6947; Keravat, E New Britain, ix.1969, D.F. O'Sullivan.

- PARATYPE ♀: T6948; Vudal, E New Britain, 6.x.1969, A. Luekie. (Head missing from paratype).
- Dacus (Strumeta) ebeneus* Drew, 1971: 65.
HOLOTYPE ♂: T6949; Anse Vata, Noumea, New Caledonia, Dec. 1966, P. Cochereau.
- Dacus (Strumeta) enochrus* Drew, 1972a: 207.
HOLOTYPE ♂: T6993; Daru Village, Bougainville Island, 15-30.v.1970, R.M. Berena.
- Dacus (Zeugodacus) gracilis* Drew, 1972a: 198.
HOLOTYPE ♂: T6998; Malekula Is[land], New Hebrides, Apr. May, 1970, D. Malosu.
- Dacus (Asiadacus) indecorus* Drew, 1971: 37.
(= *Dacus (Strumeta) indecorus* Drew after Drew, 1972: 21).
HOLOTYPE ♂: T6932; Samo Village, Lihir Island, May 1970, T. August.
- Dacus (Strumeta) lanpabilis* Drew, 1971: 67.
HOLOTYPE ♂: T6950; Salelubu, W New Britain, 13.viii.1969, R.M. Berena.
- Dacus (Afrodacus) minutus* Drew, 1971: 29.
HOLOTYPE ♂: T6927; Vila, New Hebrides, 6 Jan. 1970, E. Kanas.
PARATYPE ♀: T6928; Lychee Plantation, Vila, New Hebrides, 29.xii.1969, E. Kanas.
- Dacus (Strumeta) mucronis* Drew, 1971: 70.
HOLOTYPE ♀: T6951; Anse Vata, Noumea, New Caledonia, 19.iii.1966, P. Cochereau.
- Dacus (Strumeta) nigrescentis* Drew, 1971: 72.
HOLOTYPE ♂: T6952; Keravat, E New Britain, ix.1969, D.F. O'Sullivan.
PARATYPE ♂: T6953; Keravat, New Britain, 29.vii.[19]69, D.F. O'Sullivan.
PARATYPE ♀: T6954; Lakakot Pl[anta]t[io]n, Lihir Island, 25-29.iv.1970, D. O'Sullivan.
- Dacus (Strumeta) nigritus* Drew, 1971: 75.
HOLOTYPE ♂: T6955; Keravat, New Britain, viii.1969, D.F. O'Sullivan.
- Dacus (Asiadacus) ochromarginis* Drew, 1971: 40.
(= *Dacus (Strumeta) ochromarginis* Drew after Drew, 1972: 21).
HOLOTYPE ♂: T6933; Vudal, Keravat, New Britain, 18.viii.1969, A. Luekie.
- Dacus (Hemizeugodacus) pallescentis* Drew, 1971: 44.
(= *Dacus (Papuodacus) pallescentis* Drew after Drew, 1972: 21).
HOLOTYPE ♂: T6936; Konedobu, Central Dist[ri]ct, Papua, 27.8.[19]66, N. Kobman.
- Dacus (Asiadacus) perpusillus* Drew, 1971: 42.
(= *Dacus (Pacifodacus) perpusillus* Drew after Drew, 1972: 21).
HOLOTYPE ♂: T6934; New Caledonia, 29.xii.1969, P. Cochereau.
- PARATYPE ♂: T6935; New Caledonia, 1967, P. Cochereau.
- Dacus (Strumeta) phaeus* Drew, 1971: 77.
HOLOTYPE ♀: T6956; Keravat, New Britain, 30.v.[19]67, D.F. O'Sullivan.
- Dacus (Strumeta) piceus* Drew, 1972a: 208.
HOLOTYPE ♂: T6992; Buin, Bougainville Is[land], 3-7.vi.1970, R.M. Berena.
- Dacus (Strumeta) pseudodistinctus* Drew, 1971: 79.
HOLOTYPE ♂: T6957; Keravat, E New Britain, ix.1969, D.F. O'Sullivan.
- Dacus (Strumeta) redundus* Drew, 1971: 82.
HOLOTYPE ♂: T6958; Vila, New Hebrides, 6 Jan. 1970, E. Kanas.
PARATYPE ♀: T6959; Kieta, Bougainville Is[land], 13.x.1970, R.M. Berena.
PARATYPE ♂: T6960; Tubiana, Kieta, Bougainville Is[land], 2.vi.1970, R.M. Berena.
- Dacus (Zeugodacus) reflexus* Drew, 1971: 101.
HOLOTYPE ♂: T6974; Keravat, New Britain, 26.v.1967, D.F. O'Sullivan.
- Dacus (Strumeta) resimus* Drew, 1971: 85.
HOLOTYPE ♂: T6961; Ambunti, East Sepik Distr[ict], New Guinea, 8.xii.1967, A. Mann.
- Dacus (Strumeta) trifarius* Drew, 1971: 87.
HOLOTYPE ♂: T6962; Keravat, New Britain, 24.vii.1969, D.F. O'Sullivan.
ALLOTYPE ♂: T6963; Gela Gela Pl[anta]tio[n], New Britain, 14.xii.1965, T.L. Fenner.
- Dacus (Strumeta) triseriatus* Drew, 1971: 90.
HOLOTYPE ♂: T6964; Vila, New Hebrides, 6 Jan. 1970, E. Kanas.
PARATYPE ♀: T6966; same data except 3 Jan. 1970.
ALLOTYPE ♂: T6965; Lytchee (= Lychee) Plantation, Vila, New Hebrides, 29.xii.1969, E. Kanas.
PARATYPE ♀: T6967; Malekula Is[land], New Hebrides, Apr-May, 1970, D. Malosu.
- Dacus (Strumeta) trivialis* Drew, 1971: 93.
HOLOTYPE ♂: T6968; Sepi Village, Kiwai Island, Western Dist[ri]ct, Papua, 4.xii.1967, T.L. Fenner.
- Dacus (Strumeta) unistriatus* Drew, 1971: 96.
HOLOTYPE ♂: T6969; Keravat, New Britain, 3.ix.1969, D. O'Sullivan.
ALLOTYPE ♂: T6970; Vunapau, E New Britain, 16-27.i.1970, R.M. Berena.
PARATYPE ♀: T6971; Namatanai, New Ireland, 24-30.iv.1970, D. O'Sullivan.
PARATYPE ♂: T6972; Upper Warrangoi V[alley], E New Britain, 10-27.x.1969, D.F. O'Sullivan.
- Dacus (Pacifodacus) univittatus* Drew, 1972a: 189.

HOLOTYPE ♂: T6985; Wabirong Village, Kieta, Bougainville Is[land], 18.vi.1970, R.M. Berena.

PARATYPE ♂: T6986; Arawa Plant[atio]n, Kieta, Bougainville Is[land], 12.v.-2.vi.1970, R.M. Berena.

Dacus (Strumeta) vulgaris Drew, 1971: 99.

HOLOTYPE ♂: T6973; Yenke, Kaimantu, S[outhern] Dis[trict] E[a]st[ern] H[igh]l[an]ds, T.N.G., 4.1.[19]64.

Melanodacus rubidus May, 1957: 297.

(= *Dacus (Paratridacus) atrisetosus* (Perkins) after May, 1962: 64).

HOLOTYPE ♂, ALLOTYPE ♀: T5601-2; Goroka, E[astern] H[igh]l[an]ds, Papua New Guinea, 24.4.[19]55, J. Szent-Ivany.

Neodacus strigifinis atritus May, 1962: 65.

(= *Dacus (Pacifodacus) strigifinis atritus* (May) after Drew, 1972: 20).

HOLOTYPE ♂, ALLOTYPE ♀: T5880-1; Aiyura, E[astern] H[igh]lands, 3.3.[19]58, J.H. Barrett.

Strumeta brevistriata Drew, 1968a: 77.

(= *Dacus (Strumeta) brevistriatus* (Drew) after Drew, 1972: 21).

HOLOTYPE ♂: T6611; Wau, N[ew] G[uinea], 31.iii.-11.iv.1965. E.N. Marks.

Strumeta nigella Drew, 1968a: 78.

(= *Dacus (Strumeta) nigellus* (Drew) after Drew, 1972: 21).

HOLOTYPE ♂: T6612; Wau, N[ew] G[uinea], 3-10.iv.1965; E.N. Marks.

Zeugodacus trichotus May, 1962: 74.

(= *Dacus (Zeugodacus) trichotus* (May) after Drew, 1972: 20).

HOLOTYPE ♂, ALLOTYPE ♀: T5856-7; Kerowaghi, E[astern] H[igh]lands, T.N.G., 13.8.[19]60, K. Cole. (Only the right fore and mid legs remain on allotype).

Family DROSOPHILIDAE

Drosophila argentostrata Bock, 1966: 273.

PARATYPES 1 ♂, 1 ♀: T6539-40; Bisianumu, Papua, May 1965, W.B. Mather.

Drosophila nigrilineata Angus, 1967: 32.

PARATYPES 1 ♂, 1 ♀: D6617-8; Bulolo, T.P.N.G.

Drosophila pararubida Mather, 1961: 251.

HOLOTYPE ♂, ALLOTYPE ♀, PARATYPES 2 ♂, 2 ♀: T5844-9; Sogeri, Port Moresby, N[ew] G[uinea], May 1959, W.B. Mather.

Drosophila pseudotetrachaeta Angus, 1967: 37.

PARATYPES 2 ♂, 2 ♀: T6617-20; Brown River, T.P.N.G. ex culture.

Drosophila silvestriata Bock and Baimai, 1967: 20.

PARATYPES 1 ♂, 1 ♀: T6585-6; Bulolo, New Guinea, Aug. 1965.

Drosophila tetrachaeta Angus, 1964: 156.

PARATYPES 1 ♂, 1 ♀: T6427-8; Bulolo, N[ew] G[uinea], 20.viii.1963, Angus.

ACKNOWLEDGMENT

I am grateful to Mr E. Dahms, Queensland Museum, for permission to examine the Diptera collection.

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